Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110921\
Data File : VD070948.D
Acq On : 09 Nov 2021 11:56
Operator : VA/SY
Sample : VSTDICC100
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 10 03:42:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 10 03:40:32 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.973	168	391333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	691460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	631146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	274841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	428223	102.777	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 205.560%#			
35) Dibromofluoromethane	7.914	113	389671	99.870	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 199.740%#			
50) Toluene-d8	10.338	98	1505661	98.536	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 197.080%#			
62) 4-Bromofluorobenzene	12.620	95	550505	100.059	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 200.120%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	329535	98.562	ug/l	95
3) Chloromethane	2.209	50	405713	101.976	ug/l	97
4) Vinyl Chloride	2.350	62	401998	105.063	ug/l	98
5) Bromomethane	2.750	94	246247	94.421	ug/l	100
6) Chloroethane	2.915	64	258640	105.247	ug/l	99
7) Trichlorofluoromethane	3.267	101	648471	105.308	ug/l	97
8) Diethyl Ether	3.709	74	219842	107.873	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.091	101	395260	104.130	ug/l	96
10) Methyl Iodide	4.303	142	472360	126.828	ug/l	99
11) Tert butyl alcohol	5.220	59	149862	492.152	ug/l	99
12) 1,1-Dichloroethene	4.067	96	388834	104.637	ug/l	85
13) Acrolein	3.915	56	42876	409.464	ug/l	97
14) Allyl chloride	4.709	41	835988	108.007	ug/l #	86
15) Acrylonitrile	5.420	53	547825	561.768	ug/l	97
16) Acetone	4.156	43	593853	568.608	ug/l	93
17) Carbon Disulfide	4.409	76	1268874	105.750	ug/l	98
18) Methyl Acetate	4.714	43	401348	112.280	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	1060707	110.571	ug/l	100
20) Methylene Chloride	4.962	84	465538	89.420	ug/l	88
21) trans-1,2-Dichloroethene	5.467	96	449880	105.624	ug/l	88
22) Diisopropyl ether	6.361	45	1675986	108.917	ug/l	93
23) Vinyl Acetate	6.303	43	4289677	580.554	ug/l	97
24) 1,1-Dichloroethane	6.261	63	873220	106.246	ug/l	99
25) 2-Butanone	7.208	43	759341	574.084	ug/l #	87
26) 2,2-Dichloropropane	7.203	77	734110	105.834	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	521409	107.091	ug/l	93
28) Bromochloromethane	7.544	49	380235	109.076	ug/l	87
29) Tetrahydrofuran	7.561	42	471504	556.959	ug/l	92
30) Chloroform	7.708	83	838751	107.338	ug/l	100
31) Cyclohexane	7.979	56	834517	97.394	ug/l	99
32) 1,1,1-Trichloroethane	7.903	97	719546	107.215	ug/l	95
36) 1,1-Dichloropropene	8.108	75	651286	105.494	ug/l	98
37) Ethyl Acetate	7.291	43	325892	115.702	ug/l #	93
38) Carbon Tetrachloride	8.097	117	611252	107.513	ug/l	99
39) Methylcyclohexane	9.350	83	827808	103.822	ug/l	99
40) Benzene	8.350	78	1858238	106.879	ug/l	99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110921\
Data File : VD070948.D
Acq On : 09 Nov 2021 11:56
Operator : VA/SY
Sample : VSTDICC100
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 10 03:42:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 10 03:40:32 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.520	41	220877	158.836	ug/l	#	68
42) 1,2-Dichloroethane	8.420	62	547961	111.271	ug/l		95
43) Isopropyl Acetate	8.450	43	667220	111.931	ug/l	#	88
44) Trichloroethene	9.108	130	474529	105.888	ug/l		95
45) 1,2-Dichloropropane	9.385	63	502134	106.792	ug/l		99
46) Dibromomethane	9.467	93	248300	110.944	ug/l		96
47) Bromodichloromethane	9.655	83	648190	109.497	ug/l		98
48) Methyl methacrylate	9.450	41	328973	112.498	ug/l	#	84
49) 1,4-Dioxane	9.455	88	58356	2250.424	ug/l		94
51) 4-Methyl-2-Pentanone	10.220	43	1631467	564.522	ug/l		92
52) Toluene	10.397	92	1167861	106.559	ug/l		97
53) t-1,3-Dichloropropene	10.614	75	651925	109.208	ug/l		98
54) cis-1,3-Dichloropropene	10.085	75	766677	108.912	ug/l	#	83
55) 1,1,2-Trichloroethane	10.791	97	335142	108.954	ug/l		94
56) Ethyl methacrylate	10.655	69	490816	112.774	ug/l	#	76
57) 1,3-Dichloropropane	10.938	76	615109	110.118	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.938	63	1152778	509.494	ug/l		99
59) 2-Hexanone	10.979	43	1198575	569.487	ug/l		90
60) Dibromochloromethane	11.132	129	414237	112.255	ug/l		100
61) 1,2-Dibromoethane	11.238	107	328416	109.760	ug/l		100
64) Tetrachloroethene	10.873	164	380049	103.265	ug/l		96
65) Chlorobenzene	11.661	112	1185705	105.293	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.732	131	432058	108.097	ug/l		99
67) Ethyl Benzene	11.738	91	2247918	105.407	ug/l		99
68) m/p-Xylenes	11.844	106	1669109	209.412	ug/l		94
69) o-Xylene	12.173	106	800119	105.538	ug/l		95
70) Styrene	12.185	104	1366870	106.481	ug/l		95
71) Bromoform	12.349	173	229252	109.988	ug/l	#	98
73) Isopropylbenzene	12.467	105	2120853	107.114	ug/l		99
74) N-amyl acetate	12.279	43	645035	114.031	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	379652	111.399	ug/l		99
76) 1,2,3-Trichloropropane	12.773	75	251852m	302.898	ug/l		
77) Bromobenzene	12.749	156	456705	107.955	ug/l		91
78) n-propylbenzene	12.808	91	2625503	107.016	ug/l		100
79) 2-Chlorotoluene	12.896	91	1523439	108.905	ug/l		98
80) 1,3,5-Trimethylbenzene	12.949	105	1766443	108.355	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.520	75	128318	114.559	ug/l	#	84
82) 4-Chlorotoluene	12.996	91	1567272	108.557	ug/l		98
83) tert-Butylbenzene	13.208	119	1499538	106.779	ug/l		95
84) 1,2,4-Trimethylbenzene	13.255	105	1715053	107.421	ug/l		99
85) sec-Butylbenzene	13.390	105	2237106	105.961	ug/l		99
86) p-Isopropyltoluene	13.502	119	1822140	107.482	ug/l		97
87) 1,3-Dichlorobenzene	13.502	146	886715	107.200	ug/l		97
88) 1,4-Dichlorobenzene	13.585	146	887395	107.149	ug/l		99
89) n-Butylbenzene	13.826	91	1838553	107.913	ug/l		99
90) Hexachloroethane	14.096	117	366033	109.109	ug/l		90
91) 1,2-Dichlorobenzene	13.873	146	780164	108.850	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	63337	113.316	ug/l		98
93) 1,2,4-Trichlorobenzene	15.143	180	495992	108.161	ug/l		98
94) Hexachlorobutadiene	15.249	225	246831	106.728	ug/l		99
95) Naphthalene	15.384	128	986710	112.688	ug/l		99
96) 1,2,3-Trichlorobenzene	15.573	180	422807	109.658	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110921\
Data File : VD070948.D
Acq On : 09 Nov 2021 11:56
Operator : VA/SY
Sample : VSTDICC100
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 10 03:42:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 10 03:40:32 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110921\
Data File : VD070948.D
Acq On : 09 Nov 2021 11:56
Operator : VA/SY
Sample : VSTDICC100
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 10 03:42:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 10 03:40:32 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021