Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103023\
Data File : VD077442.D
Acq On : 30 Oct 2023 12:02
Operator : JC/SY
Sample : VSTDICC150
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 31 03:57:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 31 03:41:55 2023
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	340330	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	595085	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	526150	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	240679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	708054	147.130	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 294.260%#			
35) Dibromofluoromethane	7.805	113	624342	151.797	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 303.600%#			
50) Toluene-d8	10.269	98	2439997	152.730	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 305.460%#			
62) 4-Bromofluorobenzene	12.575	95	809378	150.420	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 300.840%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	412995	150.498	ug/l	99
3) Chloromethane	2.146	50	681117	156.336	ug/l	99
4) Vinyl Chloride	2.287	62	699391	164.622	ug/l	98
5) Bromomethane	2.675	94	351411	157.849	ug/l	98
6) Chloroethane	2.834	64	441229	154.256	ug/l	98
7) Trichlorofluoromethane	3.169	101	954255	160.391	ug/l	97
8) Diethyl Ether	3.593	74	322075	150.598	ug/l #	53
9) 1,1,2-Trichlorotrifluo...	3.964	101	565264	157.380	ug/l	95
10) Methyl Iodide	4.164	142	694839	146.686	ug/l #	90
11) Tert butyl alcohol	5.052	59	253328	664.539	ug/l	99
12) 1,1-Dichloroethene	3.940	96	540725	159.021	ug/l #	63
13) Acrolein	3.799	56	351110	698.447	ug/l	99
14) Allyl chloride	4.558	41	1299156	158.376	ug/l #	82
15) Acrylonitrile	5.252	53	851626	736.637	ug/l	98
16) Acetone	4.022	43	908739	713.617	ug/l #	75
17) Carbon Disulfide	4.269	76	1621875	146.771	ug/l	99
18) Methyl Acetate	4.558	43	714482	153.817	ug/l #	76
19) Methyl tert-butyl Ether	5.316	73	1578145	147.858	ug/l	93
20) Methylene Chloride	4.799	84	676775	146.012	ug/l #	59
21) trans-1,2-Dichloroethene	5.311	96	620131	156.594	ug/l #	65
22) Diisopropyl ether	6.216	45	2635636	151.176	ug/l #	89
23) Vinyl Acetate	6.152	43	5652364m	745.392	ug/l	
24) 1,1-Dichloroethane	6.110	63	1370848	151.537	ug/l	94
25) 2-Butanone	7.081	43	1207854	711.107	ug/l #	71
26) 2,2-Dichloropropane	7.075	77	1173805	146.416	ug/l	90
27) cis-1,2-Dichloroethene	7.081	96	748141	152.489	ug/l	70
28) Bromochloromethane	7.428	49	611411	144.908	ug/l #	55
29) Tetrahydrofuran	7.440	42	748356	742.864	ug/l #	69
30) Chloroform	7.593	83	1258042	148.941	ug/l	96
31) Cyclohexane	7.875	56	1190722	158.278	ug/l #	74
32) 1,1,1-Trichloroethane	7.793	97	1068478	153.533	ug/l	95
36) 1,1-Dichloropropene	8.004	75	984057	161.369	ug/l	92
37) Ethyl Acetate	7.169	43	527237	150.654	ug/l #	87
38) Carbon Tetrachloride	7.993	117	902199	157.000	ug/l	97
39) Methylcyclohexane	9.275	83	1168373	167.919	ug/l #	80
40) Benzene	8.252	78	2709230	155.801	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103023\
Data File : VD077442.D
Acq On : 30 Oct 2023 12:02
Operator : JC/SY
Sample : VSTDICC150
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 31 03:57:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 31 03:41:55 2023
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.399	41	327815	146.392 ug/l	#	71
42) 1,2-Dichloroethane	8.328	62	834333	151.488 ug/l		89
43) Isopropyl Acetate	8.363	43	1081750	149.785 ug/l	#	80
44) Trichloroethene	9.028	130	669437	157.163 ug/l		85
45) 1,2-Dichloropropane	9.304	63	783566	153.057 ug/l		99
46) Dibromomethane	9.393	93	367127	149.015 ug/l		89
47) Bromodichloromethane	9.587	83	981333	150.698 ug/l		99
48) Methyl methacrylate	9.381	41	531150	154.074 ug/l	#	63
49) 1,4-Dioxane	9.387	88	76715	2897.834 ug/l	#	59
51) 4-Methyl-2-Pentanone	10.157	43	2616842	736.148 ug/l	#	81
52) Toluene	10.334	92	1639015	154.613 ug/l		97
53) t-1,3-Dichloropropene	10.551	75	1037444	150.455 ug/l		99
54) cis-1,3-Dichloropropene	10.016	75	1209170	152.385 ug/l	#	74
55) 1,1,2-Trichloroethane	10.734	97	485438	147.685 ug/l		93
56) Ethyl methacrylate	10.598	69	728490	149.062 ug/l	#	59
57) 1,3-Dichloropropane	10.881	76	920774	149.870 ug/l		99
58) 2-Chloroethyl Vinyl ether	9.869	63	1927764	787.913 ug/l	#	84
59) 2-Hexanone	10.922	43	1894123	723.310 ug/l		77
60) Dibromochloromethane	11.075	129	586424	148.369 ug/l		96
61) 1,2-Dibromoethane	11.181	107	468547	150.524 ug/l		98
64) Tetrachloroethene	10.810	164	527745	157.545 ug/l		93
65) Chlorobenzene	11.610	112	1677517	152.185 ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.681	131	630209	151.295 ug/l		96
67) Ethyl Benzene	11.687	91	3259580	153.688 ug/l		95
68) m/p-Xylenes	11.793	106	2351612	307.049 ug/l		80
69) o-Xylene	12.122	106	1122425	153.003 ug/l		79
70) Styrene	12.134	104	1906847	150.673 ug/l	#	89
71) Bromoform	12.298	173	333975	144.621 ug/l	#	98
73) Isopropylbenzene	12.422	105	2967490	151.227 ug/l		95
74) N-amyl acetate	12.234	43	1038627	149.433 ug/l	#	78
75) 1,1,2,2-Tetrachloroethane	12.675	83	560474	145.710 ug/l		98
76) 1,2,3-Trichloropropane	12.722	75	427399m	132.897 ug/l		
77) Bromobenzene	12.704	156	647397	149.887 ug/l		70
78) n-propylbenzene	12.763	91	3759476	150.887 ug/l		93
79) 2-Chlorotoluene	12.851	91	2121769	150.401 ug/l		88
80) 1,3,5-Trimethylbenzene	12.904	105	2454593	149.078 ug/l		91
81) trans-1,4-Dichloro-2-b...	12.469	75	217809	143.627 ug/l	#	84
82) 4-Chlorotoluene	12.945	91	2200460	149.744 ug/l		87
83) tert-Butylbenzene	13.169	119	2087385	150.787 ug/l		87
84) 1,2,4-Trimethylbenzene	13.210	105	2444142	149.435 ug/l		93
85) sec-Butylbenzene	13.345	105	3199906	151.075 ug/l		94
86) p-Isopropyltoluene	13.463	119	2614542	151.863 ug/l		93
87) 1,3-Dichlorobenzene	13.457	146	1259564	148.356 ug/l		95
88) 1,4-Dichlorobenzene	13.539	146	1242566	146.484 ug/l		96
89) n-Butylbenzene	13.787	91	2708347	151.352 ug/l		96
90) Hexachloroethane	14.057	117	534764	151.789 ug/l		95
91) 1,2-Dichlorobenzene	13.834	146	1091957	146.348 ug/l		95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	90779	140.090 ug/l		82
93) 1,2,4-Trichlorobenzene	15.098	180	782030	152.566 ug/l		97
94) Hexachlorobutadiene	15.204	225	434355	157.095 ug/l		99
95) Naphthalene	15.334	128	1470250	150.358 ug/l		100
96) 1,2,3-Trichlorobenzene	15.522	180	671452	151.756 ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103023\
Data File : VD077442.D
Acq On : 30 Oct 2023 12:02
Operator : JC/SY
Sample : VSTDICC150
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 31 03:57:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 31 03:41:55 2023
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

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\VD103023\
Data File : VD077442.D
Acq On : 30 Oct 2023 12:02
Operator : JC/SY
Sample : VSTDICC150
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 31 03:57:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 31 03:41:55 2023
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023