Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101022\
Data File : VD074499.D
Acq On : 10 Oct 2022 13:35
Operator : VA/SY
Sample : VD1010SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 11 08:20:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 01:54:40 2022
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD1010SBS01

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	93129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	162370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	147040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	68980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	42597	51.482	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.960%			
35) Dibromofluoromethane	7.804	113	48095	44.920	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 89.840%			
50) Toluene-d8	10.263	98	202690	51.762	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.520%			
62) 4-Bromofluorobenzene	12.569	95	57121	46.879	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	15459	18.809	ug/l	95
3) Chloromethane	2.146	50	21948	19.355	ug/l	89
4) Vinyl Chloride	2.281	62	20747	21.077	ug/l	98
5) Bromomethane	2.675	94	13918	24.164	ug/l	100
6) Chloroethane	2.828	64	14286	22.035	ug/l	99
7) Trichlorofluoromethane	3.169	101	33537	20.807	ug/l	98
8) Diethyl Ether	3.587	74	10446	20.957	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.958	101	22210	21.322	ug/l	96
10) Methyl Iodide	4.163	142	20997	19.032	ug/l	99
11) Tert butyl alcohol	5.016	59	13748	138.491	ug/l #	84
12) 1,1-Dichloroethene	3.934	96	22636	20.625	ug/l	88
13) Acrolein	3.793	56	4794	87.816	ug/l	88
14) Allyl chloride	4.552	41	25827	20.557	ug/l	98
15) Acrylonitrile	5.252	53	19803	99.924	ug/l	99
16) Acetone	4.028	43	17736	88.452	ug/l	95
17) Carbon Disulfide	4.269	76	70344	20.309	ug/l	97
18) Methyl Acetate	4.563	43	10226	20.344	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	43352	20.043	ug/l	98
20) Methylene Chloride	4.799	84	32324	22.476	ug/l	99
21) trans-1,2-Dichloroethene	5.310	96	25512	21.017	ug/l	97
22) Diisopropyl ether	6.216	45	53712	20.977	ug/l	99
23) Vinyl Acetate	6.157	43	115142	97.748	ug/l	98
24) 1,1-Dichloroethane	6.116	63	39348	21.174	ug/l	97
25) 2-Butanone	7.081	43	22563	95.068	ug/l	89
26) 2,2-Dichloropropane	7.075	77	32796	19.977	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	25560	19.906	ug/l	94
28) Bromochloromethane	7.422	49	11309	20.614	ug/l	88
29) Tetrahydrofuran	7.440	42	12611	94.979	ug/l	94
30) Chloroform	7.593	83	38162	19.874	ug/l	93
31) Cyclohexane	7.881	56	31713	19.082	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	34760	20.493	ug/l	97
36) 1,1-Dichloropropene	8.004	75	30264	20.137	ug/l	99
37) Ethyl Acetate	7.169	43	9479	19.208	ug/l	99
38) Carbon Tetrachloride	7.993	117	27185	20.412	ug/l	97
39) Methylcyclohexane	9.269	83	36136	19.609	ug/l	93
40) Benzene	8.251	78	88887	20.365	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101022\
Data File : VD074499.D
Acq On : 10 Oct 2022 13:35
Operator : VA/SY
Sample : VD1010SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1010SBS01

Manual Integrations APPROVED
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

Quant Time: Oct 11 08:20:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 01:54:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.404	41	5080	18.812	ug/l		95
42) 1,2-Dichloroethane	8.328	62	20134	19.485	ug/l		99
43) Isopropyl Acetate	8.357	43	18041	19.170	ug/l		99
44) Trichloroethene	9.028	130	25108	20.472	ug/l		96
45) 1,2-Dichloropropane	9.304	63	20961	20.684	ug/l		96
46) Dibromomethane	9.398	93	11342	20.210	ug/l		96
47) Bromodichloromethane	9.587	83	28315	20.202	ug/l		96
48) Methyl methacrylate	9.375	41	8535	19.484	ug/l		92
49) 1,4-Dioxane	9.387	88	2372	396.849	ug/l	#	88
51) 4-Methyl-2-Pentanone	10.157	43	45756	97.811	ug/l		97
52) Toluene	10.328	92	58235	21.109	ug/l		98
53) t-1,3-Dichloropropene	10.551	75	24842	19.418	ug/l		99
54) cis-1,3-Dichloropropene	10.016	75	31975	20.285	ug/l		97
55) 1,1,2-Trichloroethane	10.734	97	16300	20.656	ug/l		95
56) Ethyl methacrylate	10.593	69	18042	20.323	ug/l		96
57) 1,3-Dichloropropane	10.881	76	25782	20.273	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.869	63	16986	98.340	ug/l		95
59) 2-Hexanone	10.916	43	31212	97.292	ug/l		97
60) Dibromochloromethane	11.069	129	18809	20.454	ug/l		100
61) 1,2-Dibromoethane	11.175	107	14857	20.373	ug/l		100
64) Tetrachloroethene	10.810	164	21020	20.605	ug/l		90
65) Chlorobenzene	11.604	112	62200	21.168	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.681	131	20217	20.451	ug/l		99
67) Ethyl Benzene	11.681	91	110838	20.927	ug/l		93
68) m/p-Xylenes	11.792	106	87106	41.849	ug/l		100
69) o-Xylene	12.116	106	40702	21.283	ug/l		95
70) Styrene	12.134	104	68816	21.002	ug/l		97
71) Bromoform	12.298	173	10515	20.231	ug/l	#	98
73) Isopropylbenzene	12.416	105	104856	20.669	ug/l		99
74) N-amyl acetate	12.228	43	16862	19.436	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.669	83	16812	19.936	ug/l		100
76) 1,2,3-Trichloropropane	12.722	75	11960m	22.587	ug/l		
77) Bromobenzene	12.698	156	23919	20.739	ug/l		94
78) n-propylbenzene	12.757	91	129353	20.871	ug/l		100
79) 2-Chlorotoluene	12.845	91	68456	20.738	ug/l		98
80) 1,3,5-Trimethylbenzene	12.898	105	88429	21.100	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.463	75	4912	20.697	ug/l		90
82) 4-Chlorotoluene	12.939	91	69661	20.670	ug/l		100
83) tert-Butylbenzene	13.163	119	74607	20.689	ug/l		99
84) 1,2,4-Trimethylbenzene	13.204	105	84947	20.628	ug/l		98
85) sec-Butylbenzene	13.339	105	114396	20.593	ug/l		100
86) p-Isopropyltoluene	13.457	119	95057	20.744	ug/l		99
87) 1,3-Dichlorobenzene	13.451	146	48528	20.791	ug/l		100
88) 1,4-Dichlorobenzene	13.534	146	49109	21.136	ug/l		97
89) n-Butylbenzene	13.781	91	90071	20.986	ug/l		100
90) Hexachloroethane	14.051	117	16657	20.490	ug/l		93
91) 1,2-Dichlorobenzene	13.822	146	40531	20.416	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2173	17.592	ug/l		92
93) 1,2,4-Trichlorobenzene	15.092	180	26036	20.210	ug/l		98
94) Hexachlorobutadiene	15.198	225	13879	20.666	ug/l		99
95) Naphthalene	15.322	128	47227	19.214	ug/l		100
96) 1,2,3-Trichlorobenzene	15.516	180	22816	20.446	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101022\
Data File : VD074499.D
Acq On : 10 Oct 2022 13:35
Operator : VA/SY
Sample : VD1010SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1010SBS01

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

Quant Time: Oct 11 08:20:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 01:54:40 2022
Response via : Initial Calibration

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

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101022\
Data File : VD074499.D
Acq On : 10 Oct 2022 13:35
Operator : VA/SY
Sample : VD1010SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 11 08:20:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 01:54:40 2022
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD1010SBS01

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022