Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070921\
Data File : VD069646.D
Acq On : 09 Jul 2021 15:07
Operator : VA/SY
Sample : VD0709SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0709SBS01

Quant Time: Jul 10 02:53:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 22 04:33:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.973	168	608008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1082866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1080450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	470210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	349341	46.095	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 92.180%			
35) Dibromofluoromethane	7.914	113	363340	49.637	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.280%			
50) Toluene-d8	10.338	98	1363795	49.671	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.340%			
62) 4-Bromofluorobenzene	12.626	95	489542	54.234	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.460%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	96751	16.590	ug/l	95
3) Chloromethane	2.209	50	146415	17.164	ug/l	98
4) Vinyl Chloride	2.350	62	162012	17.037	ug/l	98
5) Bromomethane	2.750	94	112992	18.585	ug/l	95
6) Chloroethane	2.915	64	112244	17.720	ug/l	99
7) Trichlorofluoromethane	3.268	101	223641	19.804	ug/l	94
8) Diethyl Ether	3.703	74	60293	20.183	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.091	101	138511	20.053	ug/l	96
10) Methyl Iodide	4.297	142	110896	19.987	ug/l	99
11) Tert butyl alcohol	5.220	59	55985	118.452	ug/l	98
12) 1,1-Dichloroethene	4.062	96	121755	20.279	ug/l	95
13) Acrolein	3.920	56	25821	61.212	ug/l	92
14) Allyl chloride	4.709	41	190678	22.654	ug/l	91
15) Acrylonitrile	5.414	53	135270	107.872	ug/l	98
16) Acetone	4.150	43	149393	117.114	ug/l	97
17) Carbon Disulfide	4.409	76	362897	18.358	ug/l #	94
18) Methyl Acetate	4.715	43	102878	31.469	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	240326	20.367	ug/l	96
20) Methylene Chloride	4.962	84	236503	26.072	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	161733	22.327	ug/l	97
22) Diisopropyl ether	6.361	45	379842	22.395	ug/l	91
23) Vinyl Acetate	6.303	43	830887	90.182	ug/l	98
24) 1,1-Dichloroethane	6.261	63	284520	21.178	ug/l	99
25) 2-Butanone	7.208	43	175041	107.986	ug/l	91
26) 2,2-Dichloropropane	7.203	77	233012	21.216	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	156254	19.852	ug/l	95
28) Bromochloromethane	7.538	49	112123	21.309	ug/l	94
29) Tetrahydrofuran	7.561	42	94621	106.473	ug/l	96
30) Chloroform	7.703	83	270129	19.021	ug/l	95
31) Cyclohexane	7.985	56	217463	21.311	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	237039	20.255	ug/l	97
36) 1,1-Dichloropropene	8.108	75	202682	19.071	ug/l	99
37) Ethyl Acetate	7.285	43	70886	17.974	ug/l	96
38) Carbon Tetrachloride	8.097	117	188775	17.948	ug/l	95
39) Methylcyclohexane	9.350	83	186846	17.823	ug/l	98
40) Benzene	8.344	78	600857	19.611	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070921\
Data File : VD069646.D
Acq On : 09 Jul 2021 15:07
Operator : VA/SY
Sample : VD0709SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0709SBS01

Quant Time: Jul 10 02:53:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 22 04:33:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.514	41	37696	16.425	ug/l	#	89
42) 1,2-Dichloroethane	8.420	62	164460	18.476	ug/l		98
43) Isopropyl Acetate	8.450	43	146311	20.421	ug/l		99
44) Trichloroethene	9.108	130	140564	18.181	ug/l		98
45) 1,2-Dichloropropane	9.379	63	156112	19.849	ug/l		97
46) Dibromomethane	9.473	93	71251	17.298	ug/l		98
47) Bromodichloromethane	9.655	83	230921	20.877	ug/l		92
48) Methyl methacrylate	9.450	41	61313	18.014	ug/l		99
49) 1,4-Dioxane	9.455	88	14272	351.732	ug/l		94
51) 4-Methyl-2-Pentanone	10.226	43	392273	104.116	ug/l		100
52) Toluene	10.397	92	489779	25.906	ug/l		80
53) t-1,3-Dichloropropene	10.614	75	188147	19.674	ug/l		92
54) cis-1,3-Dichloropropene	10.085	75	240207	20.887	ug/l	#	92
55) 1,1,2-Trichloroethane	10.797	97	107416	18.467	ug/l		95
56) Ethyl methacrylate	10.655	69	122618	19.587	ug/l		96
57) 1,3-Dichloropropane	10.938	76	180116	18.327	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.938	63	326960	98.101	ug/l		98
59) 2-Hexanone	10.979	43	259327	101.998	ug/l		99
60) Dibromochloromethane	11.132	129	131864	19.234	ug/l		99
61) 1,2-Dibromoethane	11.238	107	102135	19.044	ug/l		98
64) Tetrachloroethene	10.873	164	114994	16.948	ug/l		98
65) Chlorobenzene	11.661	112	412524	19.197	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.738	131	143830	18.410	ug/l		99
67) Ethyl Benzene	11.738	91	746028	19.874	ug/l		99
68) m/p-Xylenes	11.849	106	562193	39.776	ug/l		100
69) o-Xylene	12.173	106	272028	21.470	ug/l	#	1
70) Styrene	12.185	104	447893	20.069	ug/l	#	88
71) Bromoform	12.355	173	68631	17.335	ug/l	#	98
73) Isopropylbenzene	12.473	105	716710	22.123	ug/l		99
74) N-amyl acetate	12.279	43	139451	21.201	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.720	83	129581	19.914	ug/l		98
76) 1,2,3-Trichloropropane	12.773	75	90894m	19.692	ug/l		
77) Bromobenzene	12.749	156	148917	20.242	ug/l		73
78) n-propylbenzene	12.814	91	981443m	24.136	ug/l		
79) 2-Chlorotoluene	12.896	91	494149	21.272	ug/l		99
80) 1,3,5-Trimethylbenzene	12.949	105	589914	21.637	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.520	75	31994	17.307	ug/l		96
82) 4-Chlorotoluene	12.996	91	657601	26.403	ug/l		89
83) tert-Butylbenzene	13.214	119	479460	20.846	ug/l		94
84) 1,2,4-Trimethylbenzene	13.255	105	579674	21.388	ug/l		98
85) sec-Butylbenzene	13.391	105	710910	20.914	ug/l		99
86) p-Isopropyltoluene	13.508	119	591680	20.679	ug/l		99
87) 1,3-Dichlorobenzene	13.508	146	302135	20.053	ug/l		99
88) 1,4-Dichlorobenzene	13.579	146	574109	38.247	ug/l		98
89) n-Butylbenzene	13.832	91	588064	20.603	ug/l		99
90) Hexachloroethane	14.102	117	109640	19.603	ug/l		97
91) 1,2-Dichlorobenzene	13.879	146	256500	19.679	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	19616	19.868	ug/l		90
93) 1,2,4-Trichlorobenzene	15.149	180	149826	20.606	ug/l		96
94) Hexachlorobutadiene	15.255	225	88132	19.318	ug/l		97
95) Naphthalene	15.385	128	268691	20.467	ug/l		99
96) 1,2,3-Trichlorobenzene	15.579	180	126294	19.706	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070921\
Data File : VD069646.D
Acq On : 09 Jul 2021 15:07
Operator : VA/SY
Sample : VD0709SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0709SBS01

Quant Time: Jul 10 02:53:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 22 04:33:24 2021
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\VD070921\
Data File : VD069646.D
Acq On : 09 Jul 2021 15:07
Operator : VA/SY
Sample : VD0709SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0709SBS01

Quant Time: Jul 10 02:53:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 22 04:33:24 2021
Response via : Initial Calibration