Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070921\
Data File : VD069647.D
Acq On : 09 Jul 2021 15:35
Operator : VA/SY
Sample : VD0709SBS02
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0709SBS02

Quant Time: Jul 10 02:54:10 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	7.979	168	616572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1099993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1012172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	461342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	360900	46.959	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 93.920%			
35) Dibromofluoromethane	7.914	113	354389	47.660	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.320%			
50) Toluene-d8	10.338	98	1393535	49.964	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.920%			
62) 4-Bromofluorobenzene	12.626	95	475772	51.887	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.780%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	99735	16.864	ug/l	96
3) Chloromethane	2.209	50	146738	16.963	ug/l	98
4) Vinyl Chloride	2.344	62	166990	17.317	ug/l	100
5) Bromomethane	2.750	94	111580	18.044	ug/l	94
6) Chloroethane	2.915	64	111880	17.417	ug/l	98
7) Trichlorofluoromethane	3.268	101	230076	20.091	ug/l	100
8) Diethyl Ether	3.703	74	65055	21.475	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.097	101	146718	20.946	ug/l	96
10) Methyl Iodide	4.297	142	118149	20.799	ug/l	98
11) Tert butyl alcohol	5.220	59	50940	100.825	ug/l	99
12) 1,1-Dichloroethene	4.062	96	127529	20.946	ug/l	96
13) Acrolein	3.915	56	26530	62.019	ug/l	99
14) Allyl chloride	4.715	41	199479	23.370	ug/l	90
15) Acrylonitrile	5.420	53	133166	104.719	ug/l	98
16) Acetone	4.156	43	143794	111.159	ug/l	95
17) Carbon Disulfide	4.403	76	375078	18.711	ug/l	98
18) Methyl Acetate	4.721	43	105784	31.949	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	239739	20.035	ug/l	98
20) Methylene Chloride	4.962	84	228690	24.520	ug/l	99
21) trans-1,2-Dichloroethene	5.462	96	141697	19.290	ug/l	97
22) Diisopropyl ether	6.362	45	390562	22.707	ug/l	96
23) Vinyl Acetate	6.303	43	877686	93.146	ug/l	99
24) 1,1-Dichloroethane	6.262	63	291519	21.398	ug/l	97
25) 2-Butanone	7.209	43	183103	111.390	ug/l	96
26) 2,2-Dichloropropane	7.209	77	233333	20.950	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	168281	21.083	ug/l	98
28) Bromochloromethane	7.550	49	108688	20.369	ug/l	98
29) Tetrahydrofuran	7.562	42	103420	114.758	ug/l	94
30) Chloroform	7.709	83	270083	18.754	ug/l	100
31) Cyclohexane	7.985	56	217033	20.974	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	250628	21.118	ug/l	98
36) 1,1-Dichloropropene	8.109	75	218399	20.230	ug/l	99
37) Ethyl Acetate	7.291	43	82072	20.486	ug/l	98
38) Carbon Tetrachloride	8.091	117	205856	19.267	ug/l	97
39) Methylcyclohexane	9.350	83	204571	19.210	ug/l	93
40) Benzene	8.350	78	632266	20.315	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070921\
Data File : VD069647.D
Acq On : 09 Jul 2021 15:35
Operator : VA/SY
Sample : VD0709SBS02
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0709SBS02

Quant Time: Jul 10 02:54:10 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	7.526	41	48146	20.651	ug/l		89
42) 1,2-Dichloroethane	8.420	62	172969	19.129	ug/l		99
43) Isopropyl Acetate	8.450	43	154346	21.207	ug/l		100
44) Trichloroethene	9.109	130	153633	19.562	ug/l		99
45) 1,2-Dichloropropane	9.385	63	166603	20.853	ug/l		99
46) Dibromomethane	9.473	93	77462	18.513	ug/l		96
47) Bromodichloromethane	9.661	83	217400	19.349	ug/l		99
48) Methyl methacrylate	9.450	41	69642	20.143	ug/l		94
49) 1,4-Dioxane	9.461	88	14830	359.794	ug/l		92
51) 4-Methyl-2-Pentanone	10.226	43	405160	105.862	ug/l		99
52) Toluene	10.403	92	398408	20.745	ug/l		98
53) t-1,3-Dichloropropene	10.614	75	188149	19.367	ug/l		100
54) cis-1,3-Dichloropropene	10.085	75	228027	19.519	ug/l		96
55) 1,1,2-Trichloroethane	10.797	97	118870	20.118	ug/l		98
56) Ethyl methacrylate	10.655	69	125128	19.665	ug/l		97
57) 1,3-Dichloropropane	10.944	76	206735	20.708	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.938	63	344431	101.341	ug/l		97
59) 2-Hexanone	10.979	43	273283	105.813	ug/l		99
60) Dibromochloromethane	11.138	129	135368	19.438	ug/l		99
61) 1,2-Dibromoethane	11.244	107	108217	19.864	ug/l		99
64) Tetrachloroethene	10.873	164	129256	20.335	ug/l		99
65) Chlorobenzene	11.667	112	405922	20.164	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.738	131	146478	20.014	ug/l		100
67) Ethyl Benzene	11.738	91	727631	20.691	ug/l		97
68) m/p-Xylenes	11.844	106	558297	42.164	ug/l		99
69) o-Xylene	12.173	106	242639	20.443	ug/l		96
70) Styrene	12.191	104	436179	20.863	ug/l		100
71) Bromoform	12.355	173	72170	19.458	ug/l	#	98
73) Isopropylbenzene	12.473	105	683200	21.494	ug/l		100
74) N-amyl acetate	12.279	43	140812	21.819	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.720	83	135702	21.255	ug/l		97
76) 1,2,3-Trichloropropane	12.779	75	94025m	20.762	ug/l		
77) Bromobenzene	12.755	156	146102	20.242	ug/l		93
78) n-propylbenzene	12.814	91	877758	22.001	ug/l		99
79) 2-Chlorotoluene	12.897	91	505442	22.176	ug/l		98
80) 1,3,5-Trimethylbenzene	12.949	105	585793	21.899	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.520	75	32956	18.170	ug/l		98
82) 4-Chlorotoluene	12.997	91	536626	21.960	ug/l		99
83) tert-Butylbenzene	13.214	119	465279	20.640	ug/l		95
84) 1,2,4-Trimethylbenzene	13.261	105	577157	21.704	ug/l		99
85) sec-Butylbenzene	13.391	105	732874	21.974	ug/l		99
86) p-Isopropyltoluene	13.508	119	615028	21.908	ug/l		100
87) 1,3-Dichlorobenzene	13.508	146	306099	20.707	ug/l		98
88) 1,4-Dichlorobenzene	13.585	146	304970	20.707	ug/l		99
89) n-Butylbenzene	13.832	91	606164	21.645	ug/l		99
90) Hexachloroethane	14.102	117	113158	20.620	ug/l		97
91) 1,2-Dichlorobenzene	13.879	146	264022	20.646	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	18851	19.460	ug/l		94
93) 1,2,4-Trichlorobenzene	15.149	180	145807	20.439	ug/l		99
94) Hexachlorobutadiene	15.255	225	90646	20.251	ug/l		99
95) Naphthalene	15.385	128	246085	19.328	ug/l		99
96) 1,2,3-Trichlorobenzene	15.579	180	130199	20.706	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070921\
Data File : VD069647.D
Acq On : 09 Jul 2021 15:35
Operator : VA/SY
Sample : VD0709SBS02
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0709SBS02

Quant Time: Jul 10 02:54:10 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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070921\
Data File : VD069647.D
Acq On : 09 Jul 2021 15:35
Operator : VA/SY
Sample : VD0709SBS02
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0709SBS02

Quant Time: Jul 10 02:54:10 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