Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021021\
Data File : VD068343.D
Acq On : 10 Feb 2021 13:39
Operator : VA/SY
Sample : VD0210SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0210SBS01

Manual Integrations APPROVED
MMDadoda
2/11/2021 1:16:58 PM

Quant Time: Feb 11 00:12:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	358919	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	628227	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.643	117	561854	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	254409	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	158194	46.07	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 92.14%				
35) Dibromofluoromethane	7.920	113	169934	48.93	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.86%				
50) Toluene-d8	10.344	98	593735	42.74	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 85.48%				
62) 4-Bromofluorobenzene	12.632	95	215442	43.06	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 86.12%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	89764	21.05	ug/l		97
3) Chloromethane	2.209	50	103983	22.65	ug/l		99
4) Vinyl Chloride	2.350	62	126026	24.68	ug/l		99
5) Bromomethane	2.756	94	85276	24.35	ug/l		99
6) Chloroethane	2.920	64	80494	25.80	ug/l		94
7) Trichlorofluoromethane	3.279	101	148903	22.21	ug/l		99
8) Diethyl Ether	3.714	74	41781	21.17	ug/l		95
9) 1,1,2-Trichlorotrifluo...	4.097	101	92875	23.76	ug/l		93
10) Methyl Iodide	4.309	142	83817	21.06	ug/l		93
11) Tert butyl alcohol	5.226	59	22024	8.73	ug/l	#	93
12) 1,1-Dichloroethene	4.067	96	85803	21.82	ug/l		95
13) Acrolein	3.932	56	24140	89.22	ug/l		99
14) Allyl chloride	4.714	41	118389	20.70	ug/l		97
15) Acrylonitrile	5.420	53	89714	114.75	ug/l		97
16) Acetone	4.156	43	72819	118.78	ug/l	#	81
17) Carbon Disulfide	4.414	76	256548	20.26	ug/l		98
18) Methyl Acetate	4.714	43	39288	24.69	ug/l		94
19) Methyl tert-butyl Ether	5.473	73	193263	21.26	ug/l		97
20) Methylene Chloride	4.967	84	109464	23.45	ug/l		94
21) trans-1,2-Dichloroethene	5.473	96	101977	22.59	ug/l		99
22) Diisopropyl ether	6.367	45	255700	22.15	ug/l		94
23) Vinyl Acetate	6.308	43	662379	107.66	ug/l		97
24) 1,1-Dichloroethane	6.267	63	175731	23.50	ug/l		99
25) 2-Butanone	7.214	43	103191	111.79	ug/l		98
26) 2,2-Dichloropropane	7.208	77	148696	21.01	ug/l		100
27) cis-1,2-Dichloroethene	7.214	96	115575	23.58	ug/l		96
28) Bromochloromethane	7.550	49	60013	23.55	ug/l	#	73
29) Tetrahydrofuran	7.561	42	66469	111.08	ug/l		95
30) Chloroform	7.714	83	178920	23.68	ug/l		97
31) Cyclohexane	7.991	56	157026	21.12	ug/l		91
32) 1,1,1-Trichloroethane	7.908	97	155913	22.89	ug/l		94
36) 1,1-Dichloropropene	8.114	75	143027	22.58	ug/l		95
37) Ethyl Acetate	7.297	43	44922	20.05	ug/l		98
38) Carbon Tetrachloride	8.102	117	134184	22.63	ug/l		98
39) Methylcyclohexane	9.355	83	176246	21.28	ug/l		98
40) Benzene	8.355	78	400497	22.61	ug/l		96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021021\
Data File : VD068343.D
Acq On : 10 Feb 2021 13:39
Operator : VA/SY
Sample : VD0210SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0210SBS01

Manual Integrations APPROVED
MMDadoda
2/11/2021 1:16:58 PM

Quant Time: Feb 11 00:12:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.526	41	26697	19.74	ug/l		94
42) 1,2-Dichloroethane	8.426	62	108287	22.88	ug/l		98
43) Isopropyl Acetate	8.455	43	92440	19.79	ug/l		98
44) Trichloroethene	9.114	130	107841	22.17	ug/l		93
45) 1,2-Dichloropropane	9.391	63	97868	22.56	ug/l		98
46) Dibromomethane	9.479	93	50620	23.03	ug/l		92
47) Bromodichloromethane	9.667	83	135834	22.90	ug/l		99
48) Methyl methacrylate	9.461	41	46695	20.09	ug/l		96
49) 1,4-Dioxane	9.461	88	11443	444.26	ug/l	#	82
51) 4-Methyl-2-Pentanone	10.232	43	233599	107.60	ug/l		98
52) Toluene	10.408	92	260341	22.56	ug/l		96
53) t-1,3-Dichloropropene	10.620	75	123849	20.63	ug/l		96
54) cis-1,3-Dichloropropene	10.091	75	152389	21.33	ug/l		99
55) 1,1,2-Trichloroethane	10.802	97	71933	23.09	ug/l	#	91
56) Ethyl methacrylate	10.661	69	85083	20.51	ug/l		99
57) 1,3-Dichloropropane	10.949	76	126120	22.95	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.944	63	219405	114.58	ug/l		91
59) 2-Hexanone	10.985	43	158685	105.45	ug/l		99
60) Dibromochloromethane	11.143	129	87353	22.37	ug/l		100
61) 1,2-Dibromoethane	11.249	107	69045	22.46	ug/l		97
64) Tetrachloroethene	10.879	164	88301	22.30	ug/l		96
65) Chlorobenzene	11.673	112	270235	22.64	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.743	131	93375	22.24	ug/l		97
67) Ethyl Benzene	11.743	91	502812	22.75	ug/l		98
68) m/p-Xylenes	11.855	106	379082	45.43	ug/l		97
69) o-Xylene	12.179	106	172440	22.25	ug/l		98
70) Styrene	12.196	104	295844	22.36	ug/l		99
71) Bromoform	12.361	173	47022	22.09	ug/l	#	99
73) Isopropylbenzene	12.479	105	478902	22.62	ug/l		99
74) N-amyl acetate	12.290	43	82192	18.68	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.732	83	78990	23.46	ug/l		98
76) 1,2,3-Trichloropropane	12.785	75	56517m	22.98	ug/l		
77) Bromobenzene	12.761	156	101252	22.31	ug/l		88
78) n-propylbenzene	12.820	91	574994	22.96	ug/l		96
79) 2-Chlorotoluene	12.908	91	309145	21.98	ug/l		97
80) 1,3,5-Trimethylbenzene	12.961	105	389357	22.08	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.532	75	23951	19.70	ug/l		98
82) 4-Chlorotoluene	13.002	91	335304	22.93	ug/l		97
83) tert-Butylbenzene	13.226	119	335738	22.47	ug/l		98
84) 1,2,4-Trimethylbenzene	13.267	105	384450	21.97	ug/l		98
85) sec-Butylbenzene	13.402	105	481861	23.06	ug/l		97
86) p-Isopropyltoluene	13.514	119	424170	22.32	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	200085	22.93	ug/l		99
88) 1,4-Dichlorobenzene	13.596	146	198076	23.04	ug/l		99
89) n-Butylbenzene	13.843	91	409438	22.45	ug/l		98
90) Hexachloroethane	14.108	117	73831	21.50	ug/l		89
91) 1,2-Dichlorobenzene	13.884	146	168753	22.58	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	11873	21.54	ug/l		79
93) 1,2,4-Trichlorobenzene	15.155	180	114300	22.31	ug/l		99
94) Hexachlorobutadiene	15.261	225	61738	21.73	ug/l		99
95) Naphthalene	15.396	128	207637	21.61	ug/l		99
96) 1,2,3-Trichlorobenzene	15.590	180	93980	21.74	ug/l		98

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021021\
Data File : VD068343.D
Acq On : 10 Feb 2021 13:39
Operator : VA/SY
Sample : VD0210SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0210SBS01

Manual Integrations APPROVED
MMDadoda
2/11/2021 1:16:58 PM

Quant Time: Feb 11 00:12:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 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\VD021021\
Data File : VD068343.D
Acq On : 10 Feb 2021 13:39
Operator : VA/SY
Sample : VD0210SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 11 00:12:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD0210SBS01

Manual Integrations APPROVED
MMDadoda
2/11/2021 1:16:58 PM