Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052421\
Data File : VD069252.D
Acq On : 24 May 2021 13:27
Operator : VA/SY
Sample : VD0524SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS01

Manual Integrations APPROVED
MMDadoda
5/25/2021 5:57:52 PM

Quant Time: May 25 00:54:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	288665	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.861	114	436330	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.643	117	416782	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	207143	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	148142	51.19	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.38%				
35) Dibromofluoromethane	7.920	113	155594	54.80	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.60%				
50) Toluene-d8	10.338	98	549069	52.63	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.26%				
62) 4-Bromofluorobenzene	12.626	95	180608	53.80	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	62294	20.30	ug/l		98
3) Chloromethane	2.209	50	73049	20.71	ug/l		96
4) Vinyl Chloride	2.350	62	99010	21.30	ug/l		98
5) Bromomethane	2.750	94	74657	21.35	ug/l		98
6) Chloroethane	2.915	64	65633	21.95	ug/l		98
7) Trichlorofluoromethane	3.267	101	124123	21.88	ug/l		98
8) Diethyl Ether	3.709	74	29948	23.13	ug/l		92
9) 1,1,2-Trichlorotrifluo...	4.091	101	73185	22.77	ug/l		98
10) Methyl Iodide	4.297	142	54611	16.95	ug/l		100
11) Tert butyl alcohol	5.220	59	25418	154.37	ug/l	#	85
12) 1,1-Dichloroethene	4.062	96	64002	22.16	ug/l		98
13) Acrolein	3.920	56	17244	73.24	ug/l		89
14) Allyl chloride	4.709	41	67999	21.46	ug/l		98
15) Acrylonitrile	5.426	53	54987	113.78	ug/l		99
16) Acetone	4.162	43	52448	118.34	ug/l		90
17) Carbon Disulfide	4.409	76	209477	21.88	ug/l	#	94
18) Methyl Acetate	4.714	43	25462	23.64	ug/l		92
19) Methyl tert-butyl Ether	5.479	73	114344	21.82	ug/l		92
20) Methylene Chloride	4.961	84	93882	20.72	ug/l		97
21) trans-1,2-Dichloroethene	5.467	96	73678	21.52	ug/l		95
22) Diisopropyl ether	6.361	45	142932	22.59	ug/l		98
23) Vinyl Acetate	6.303	43	405546	108.61	ug/l		97
24) 1,1-Dichloroethane	6.261	63	122516	22.41	ug/l		99
25) 2-Butanone	7.208	43	66257	110.32	ug/l		98
26) 2,2-Dichloropropane	7.203	77	111090	21.73	ug/l		100
27) cis-1,2-Dichloroethene	7.208	96	79905	21.49	ug/l		97
28) Bromochloromethane	7.550	49	43914	22.54	ug/l		96
29) Tetrahydrofuran	7.561	42	38409	117.65	ug/l		91
30) Chloroform	7.714	83	134839	21.91	ug/l		92
31) Cyclohexane	7.985	56	87597	20.42	ug/l		90
32) 1,1,1-Trichloroethane	7.903	97	120294	21.54	ug/l		97
36) 1,1-Dichloropropene	8.108	75	97899	23.08	ug/l		100
37) Ethyl Acetate	7.291	43	35409	25.98	ug/l		99
38) Carbon Tetrachloride	8.097	117	109323	23.05	ug/l		96
39) Methylcyclohexane	9.355	83	90954	20.33	ug/l		95
40) Benzene	8.350	78	277842	22.86	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052421\
Data File : VD069252.D
Acq On : 24 May 2021 13:27
Operator : VA/SY
Sample : VD0524SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS01

Manual Integrations APPROVED
MMDadoda
5/25/2021 5:57:52 PM

Quant Time: May 25 00:54:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.520	41	19395	26.73	ug/l	#	85
42) 1,2-Dichloroethane	8.426	62	80329	24.21	ug/l		100
43) Isopropyl Acetate	8.450	43	59791	24.16	ug/l		99
44) Trichloroethene	9.114	130	73506	21.64	ug/l		97
45) 1,2-Dichloropropane	9.385	63	65338	22.78	ug/l		96
46) Dibromomethane	9.473	93	40267	23.49	ug/l		95
47) Bromodichloromethane	9.661	83	97157	22.27	ug/l		98
48) Methyl methacrylate	9.455	41	25076	21.91	ug/l		96
49) 1,4-Dioxane	9.467	88	6703	390.70	ug/l	#	81
51) 4-Methyl-2-Pentanone	10.226	43	149807	117.65	ug/l		100
52) Toluene	10.402	92	173082	22.07	ug/l		97
53) t-1,3-Dichloropropene	10.614	75	82377	21.49	ug/l		94
54) cis-1,3-Dichloropropene	10.085	75	98418	21.48	ug/l		98
55) 1,1,2-Trichloroethane	10.796	97	53194	23.02	ug/l		97
56) Ethyl methacrylate	10.661	69	50352	20.76	ug/l		98
57) 1,3-Dichloropropane	10.944	76	84028	22.50	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.944	63	135603	118.54	ug/l		99
59) 2-Hexanone	10.979	43	99364	116.94	ug/l		94
60) Dibromochloromethane	11.138	129	65935	22.22	ug/l		98
61) 1,2-Dibromoethane	11.244	107	49133	21.51	ug/l		94
64) Tetrachloroethene	10.873	164	62791	21.68	ug/l		97
65) Chlorobenzene	11.667	112	185819	21.51	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.743	131	70185	21.55	ug/l		96
67) Ethyl Benzene	11.743	91	309190	20.80	ug/l		99
68) m/p-Xylenes	11.849	106	252844	43.40	ug/l		100
69) o-Xylene	12.179	106	107609	20.77	ug/l		100
70) Styrene	12.191	104	194395	21.49	ug/l		100
71) Bromoform	12.355	173	36924	21.79	ug/l	#	98
73) Isopropylbenzene	12.473	105	295854	20.43	ug/l		99
74) N-amyl acetate	12.285	43	53135	22.44	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.726	83	59049	22.51	ug/l		98
76) 1,2,3-Trichloropropane	12.779	75	43320m	27.82	ug/l		
77) Bromobenzene	12.755	156	73025	21.26	ug/l		95
78) n-propylbenzene	12.814	91	369147	21.13	ug/l		99
79) 2-Chlorotoluene	12.902	91	206446	21.24	ug/l		97
80) 1,3,5-Trimethylbenzene	12.955	105	252172	21.13	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.520	75	17518	22.72	ug/l		92
82) 4-Chlorotoluene	13.002	91	216109	20.87	ug/l		99
83) tert-Butylbenzene	13.220	119	204794	20.59	ug/l		99
84) 1,2,4-Trimethylbenzene	13.261	105	252485	21.02	ug/l		98
85) sec-Butylbenzene	13.396	105	315705	21.11	ug/l		100
86) p-Isopropyltoluene	13.508	119	274403	20.88	ug/l		99
87) 1,3-Dichlorobenzene	13.508	146	147639	21.23	ug/l		99
88) 1,4-Dichlorobenzene	13.590	146	147415	21.41	ug/l		99
89) n-Butylbenzene	13.838	91	257363	21.02	ug/l		97
90) Hexachloroethane	14.102	117	52381	21.27	ug/l		100
91) 1,2-Dichlorobenzene	13.885	146	126232	21.14	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	8205	20.15	ug/l		96
93) 1,2,4-Trichlorobenzene	15.155	180	71120	19.43	ug/l		99
94) Hexachlorobutadiene	15.255	225	42150	19.19	ug/l		96
95) Naphthalene	15.390	128	118464	18.80	ug/l		99
96) 1,2,3-Trichlorobenzene	15.584	180	64171	20.50	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052421\
Data File : VD069252.D
Acq On : 24 May 2021 13:27
Operator : VA/SY
Sample : VD0524SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS01

Manual Integrations APPROVED
MMDadoda
5/25/2021 5:57:52 PM

Quant Time: May 25 00:54:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 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\VD052421\
Data File : VD069252.D
Acq On : 24 May 2021 13:27
Operator : VA/SY
Sample : VD0524SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 25 00:54:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS01

Manual Integrations APPROVED
MMDadoda
5/25/2021 5:57:52 PM