Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051321\
Data File : VD069150.D
Acq On : 13 May 2021 11:56
Operator : VA/SY
Sample : VD0513SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

Manual Integrations APPROVED
MMDadoda
5/14/2021 6:49:18 PM

Quant Time: May 14 01:20:11 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	295580	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	477202	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	451820	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	220808	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	144615	48.80	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 97.60%				
35) Dibromofluoromethane	7.914	113	155989	50.23	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.46%				
50) Toluene-d8	10.338	98	587297	51.47	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.94%				
62) 4-Bromofluorobenzene	12.632	95	186541	50.81	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.62%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	68989	21.95	ug/l		100
3) Chloromethane	2.209	50	74561	20.64	ug/l		97
4) Vinyl Chloride	2.350	62	96485	20.27	ug/l		99
5) Bromomethane	2.756	94	76684	21.41	ug/l		99
6) Chloroethane	2.921	64	66825	21.82	ug/l		98
7) Trichlorofluoromethane	3.273	101	118421	20.39	ug/l		95
8) Diethyl Ether	3.709	74	28146	21.23	ug/l		100
9) 1,1,2-Trichlorotrifluo...	4.097	101	71057	21.59	ug/l		96
10) Methyl Iodide	4.309	142	62601	18.86	ug/l		98
11) Tert butyl alcohol	5.226	59	23525	135.17	ug/l	#	88
12) 1,1-Dichloroethene	4.068	96	60553	20.48	ug/l		97
13) Acrolein	3.926	56	20487	84.98	ug/l		98
14) Allyl chloride	4.715	41	66056	20.36	ug/l		97
15) Acrylonitrile	5.420	53	48465	97.94	ug/l		97
16) Acetone	4.162	43	39657	87.38	ug/l		92
17) Carbon Disulfide	4.409	76	204622	20.87	ug/l		96
18) Methyl Acetate	4.720	43	22607	20.50	ug/l		95
19) Methyl tert-butyl Ether	5.473	73	103855	19.35	ug/l		93
20) Methylene Chloride	4.962	84	86808	17.63	ug/l		94
21) trans-1,2-Dichloroethene	5.473	96	72728	20.74	ug/l		90
22) Diisopropyl ether	6.362	45	136218	21.02	ug/l		98
23) Vinyl Acetate	6.309	43	376699	98.52	ug/l		98
24) 1,1-Dichloroethane	6.267	63	115422	20.62	ug/l		96
25) 2-Butanone	7.214	43	60282	98.02	ug/l	#	85
26) 2,2-Dichloropropane	7.209	77	109064	20.84	ug/l		98
27) cis-1,2-Dichloroethene	7.214	96	77787	20.43	ug/l		97
28) Bromochloromethane	7.544	49	39046	19.57	ug/l		96
29) Tetrahydrofuran	7.561	42	33036	98.82	ug/l		95
30) Chloroform	7.709	83	131666	20.89	ug/l		98
31) Cyclohexane	7.985	56	89262	20.33	ug/l		91
32) 1,1,1-Trichloroethane	7.909	97	118346	20.70	ug/l		99
36) 1,1-Dichloropropene	8.114	75	99523	21.45	ug/l		98
37) Ethyl Acetate	7.291	43	29042	19.48	ug/l		96
38) Carbon Tetrachloride	8.097	117	109593	21.13	ug/l		93
39) Methylcyclohexane	9.355	83	97505	19.93	ug/l		91
40) Benzene	8.356	78	278084	20.92	ug/l		95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051321\
Data File : VD069150.D
Acq On : 13 May 2021 11:56
Operator : VA/SY
Sample : VD0513SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

Manual Integrations APPROVED
MMDadoda
5/14/2021 6:49:18 PM

Quant Time: May 14 01:20:11 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	17434m	21.97	ug/l		
42) 1,2-Dichloroethane	8.420	62	76765	21.15	ug/l		99
43) Isopropyl Acetate	8.456	43	53578	19.79	ug/l		97
44) Trichloroethene	9.114	130	76317	20.55	ug/l		99
45) 1,2-Dichloropropane	9.385	63	63902	20.37	ug/l		96
46) Dibromomethane	9.479	93	36945	19.70	ug/l		96
47) Bromodichloromethane	9.661	83	98399	20.62	ug/l		95
48) Methyl methacrylate	9.461	41	23597	18.85	ug/l	#	90
49) 1,4-Dioxane	9.461	88	5956	314.33	ug/l	#	85
51) 4-Methyl-2-Pentanone	10.226	43	137899	99.02	ug/l		99
52) Toluene	10.403	92	178835	20.85	ug/l		96
53) t-1,3-Dichloropropene	10.620	75	83162	19.83	ug/l		98
54) cis-1,3-Dichloropropene	10.091	75	101383	20.23	ug/l		94
55) 1,1,2-Trichloroethane	10.797	97	52532	20.79	ug/l		97
56) Ethyl methacrylate	10.661	69	50319	19.09	ug/l		97
57) 1,3-Dichloropropane	10.944	76	86221	21.11	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.944	63	128695	102.86	ug/l		98
59) 2-Hexanone	10.985	43	87913	94.60	ug/l		97
60) Dibromochloromethane	11.138	129	65340	20.13	ug/l		97
61) 1,2-Dibromoethane	11.244	107	48239	19.31	ug/l		94
64) Tetrachloroethene	10.873	164	66642	21.22	ug/l		93
65) Chlorobenzene	11.673	112	198320	21.18	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.744	131	73914	20.93	ug/l		99
67) Ethyl Benzene	11.744	91	329602	20.45	ug/l		100
68) m/p-Xylenes	11.855	106	264710	41.91	ug/l		98
69) o-Xylene	12.179	106	117435	20.91	ug/l		96
70) Styrene	12.191	104	206759	21.09	ug/l		99
71) Bromoform	12.355	173	34856	18.98	ug/l	#	97
73) Isopropylbenzene	12.479	105	317991	20.60	ug/l		99
74) N-amyl acetate	12.285	43	49280	19.53	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.726	83	54989	19.66	ug/l		98
76) 1,2,3-Trichloropropane	12.779	75	35089m	21.14	ug/l		
77) Bromobenzene	12.755	156	75469	20.61	ug/l		99
78) n-propylbenzene	12.814	91	393111	21.11	ug/l		100
79) 2-Chlorotoluene	12.902	91	217393	20.98	ug/l		99
80) 1,3,5-Trimethylbenzene	12.955	105	271930	21.37	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.520	75	15998	19.47	ug/l		97
82) 4-Chlorotoluene	13.002	91	229078	20.75	ug/l		97
83) tert-Butylbenzene	13.220	119	218055	20.56	ug/l		100
84) 1,2,4-Trimethylbenzene	13.267	105	268018	20.94	ug/l		99
85) sec-Butylbenzene	13.396	105	336387	21.10	ug/l		99
86) p-Isopropyltoluene	13.514	119	293166	20.93	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	153342	20.69	ug/l		99
88) 1,4-Dichlorobenzene	13.591	146	152395	20.76	ug/l		100
89) n-Butylbenzene	13.838	91	263284	20.17	ug/l		99
90) Hexachloroethane	14.102	117	52669	20.06	ug/l		98
91) 1,2-Dichlorobenzene	13.885	146	131728	20.69	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	8166	18.81	ug/l		95
93) 1,2,4-Trichlorobenzene	15.155	180	75658	19.40	ug/l		98
94) Hexachlorobutadiene	15.267	225	46095	19.69	ug/l		98
95) Naphthalene	15.396	128	120797	18.08	ug/l		99
96) 1,2,3-Trichlorobenzene	15.590	180	66111	19.81	ug/l		96

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051321\
Data File : VD069150.D
Acq On : 13 May 2021 11:56
Operator : VA/SY
Sample : VD0513SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

Manual Integrations APPROVED
MMDadoda
5/14/2021 6:49:18 PM

Quant Time: May 14 01:20:11 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\VD051321\
Data File : VD069150.D
Acq On : 13 May 2021 11:56
Operator : VA/SY
Sample : VD0513SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 14 01:20:11 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 :
VD0513SBSD01

Manual Integrations APPROVED
MMDadoda
5/14/2021 6:49:18 PM