Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051221\
Data File : VD069141.D
Acq On : 12 May 2021 17:31
Operator : VA/SY
Sample : VD0512SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01

Manual Integrations APPROVED
MMDadoda
5/13/2021 4:06:02 PM

Quant Time: May 13 04:18:56 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	288227	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	507062	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.643	117	471423	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	225691	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	150571	52.11	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.22%				
35) Dibromofluoromethane	7.914	113	160287	48.57	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.14%				
50) Toluene-d8	10.338	98	596463	49.19	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.38%				
62) 4-Bromofluorobenzene	12.626	95	195420	50.09	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.18%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	65130	21.25	ug/l		99
3) Chloromethane	2.209	50	77357	21.96	ug/l		98
4) Vinyl Chloride	2.350	62	94322	20.32	ug/l		99
5) Bromomethane	2.756	94	75533	21.63	ug/l		96
6) Chloroethane	2.920	64	67945	22.75	ug/l		98
7) Trichlorofluoromethane	3.273	101	135815	23.98	ug/l		94
8) Diethyl Ether	3.709	74	28722	22.21	ug/l		97
9) 1,1,2-Trichlorotrifluo...	4.103	101	66278	20.65	ug/l		98
10) Methyl Iodide	4.297	142	59758	18.48	ug/l		98
11) Tert butyl alcohol	5.209	59	26774	165.34	ug/l	#	83
12) 1,1-Dichloroethene	4.067	96	59858	20.76	ug/l		96
13) Acrolein	3.920	56	22896	97.39	ug/l		98
14) Allyl chloride	4.714	41	67014	21.19	ug/l		95
15) Acrylonitrile	5.426	53	54319	112.57	ug/l		95
16) Acetone	4.162	43	40751	92.08	ug/l		91
17) Carbon Disulfide	4.414	76	198510	20.77	ug/l		96
18) Methyl Acetate	4.720	43	22753	21.16	ug/l		97
19) Methyl tert-butyl Ether	5.473	73	115536	22.08	ug/l		99
20) Methylene Chloride	4.967	84	103937	24.18	ug/l		93
21) trans-1,2-Dichloroethene	5.473	96	73176	21.40	ug/l		93
22) Diisopropyl ether	6.367	45	143980	22.79	ug/l		96
23) Vinyl Acetate	6.308	43	400579	107.44	ug/l		97
24) 1,1-Dichloroethane	6.267	63	118692	21.75	ug/l		98
25) 2-Butanone	7.214	43	60167	100.33	ug/l		96
26) 2,2-Dichloropropane	7.208	77	102377	20.06	ug/l		99
27) cis-1,2-Dichloroethene	7.208	96	76820	20.69	ug/l		99
28) Bromochloromethane	7.550	49	41202	21.18	ug/l		98
29) Tetrahydrofuran	7.561	42	35124	107.75	ug/l		97
30) Chloroform	7.708	83	132718	21.60	ug/l		90
31) Cyclohexane	7.985	56	85084	19.87	ug/l		98
32) 1,1,1-Trichloroethane	7.902	97	117107	21.00	ug/l		99
36) 1,1-Dichloropropene	8.108	75	95373	19.35	ug/l		98
37) Ethyl Acetate	7.291	43	30685	19.37	ug/l		96
38) Carbon Tetrachloride	8.097	117	102515	18.60	ug/l		96
39) Methylcyclohexane	9.355	83	94603	18.19	ug/l		90
40) Benzene	8.350	78	281692	19.95	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051221\
Data File : VD069141.D
Acq On : 12 May 2021 17:31
Operator : VA/SY
Sample : VD0512SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01

Manual Integrations APPROVED
MMDadoda
5/13/2021 4:06:02 PM

Quant Time: May 13 04:18:56 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	7.544	41	20000m	23.72	ug/l		
42) 1,2-Dichloroethane	8.426	62	76671	19.88	ug/l		98
43) Isopropyl Acetate	8.450	43	55971	19.46	ug/l		97
44) Trichloroethene	9.114	130	75921	19.24	ug/l		98
45) 1,2-Dichloropropane	9.391	63	64420	19.33	ug/l		97
46) Dibromomethane	9.479	93	38222	19.18	ug/l		94
47) Bromodichloromethane	9.661	83	98319	19.39	ug/l		97
48) Methyl methacrylate	9.461	41	24637	18.52	ug/l		91
49) 1,4-Dioxane	9.461	88	7254	362.70	ug/l	#	80
51) 4-Methyl-2-Pentanone	10.226	43	145475	98.31	ug/l		100
52) Toluene	10.402	92	178607	19.60	ug/l		94
53) t-1,3-Dichloropropene	10.620	75	87839	19.72	ug/l		99
54) cis-1,3-Dichloropropene	10.091	75	105326	19.78	ug/l		96
55) 1,1,2-Trichloroethane	10.802	97	55086	20.51	ug/l		94
56) Ethyl methacrylate	10.661	69	57773	20.52	ug/l		96
57) 1,3-Dichloropropane	10.944	76	89812	20.69	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.944	63	136551	102.72	ug/l		99
59) 2-Hexanone	10.985	43	95788	97.00	ug/l		99
60) Dibromochloromethane	11.138	129	67475	19.56	ug/l		100
61) 1,2-Dibromoethane	11.243	107	50635	19.08	ug/l		100
64) Tetrachloroethene	10.873	164	65202	19.90	ug/l		95
65) Chlorobenzene	11.667	112	196635	20.13	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.743	131	73881	20.05	ug/l		98
67) Ethyl Benzene	11.743	91	331513	19.71	ug/l		97
68) m/p-Xylenes	11.849	106	258045	39.16	ug/l		96
69) o-Xylene	12.179	106	119183	20.34	ug/l		100
70) Styrene	12.191	104	208599	20.39	ug/l		98
71) Bromoform	12.361	173	37878	19.76	ug/l	#	99
73) Isopropylbenzene	12.479	105	310080	19.66	ug/l		99
74) N-amyl acetate	12.285	43	51423	19.93	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.726	83	56803	19.87	ug/l		98
76) 1,2,3-Trichloropropane	12.779	75	38813m	22.88	ug/l		
77) Bromobenzene	12.755	156	80962	21.63	ug/l		97
78) n-propylbenzene	12.814	91	385103	20.23	ug/l		100
79) 2-Chlorotoluene	12.902	91	216132	20.41	ug/l		98
80) 1,3,5-Trimethylbenzene	12.955	105	269260	20.70	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.520	75	17087	20.34	ug/l		94
82) 4-Chlorotoluene	13.002	91	228985	20.30	ug/l		99
83) tert-Butylbenzene	13.220	119	220156	20.31	ug/l		99
84) 1,2,4-Trimethylbenzene	13.261	105	265763	20.31	ug/l		100
85) sec-Butylbenzene	13.396	105	325185	19.95	ug/l		99
86) p-Isopropyltoluene	13.514	119	282486	19.73	ug/l		100
87) 1,3-Dichlorobenzene	13.508	146	148823	19.64	ug/l		98
88) 1,4-Dichlorobenzene	13.590	146	151967	20.25	ug/l		98
89) n-Butylbenzene	13.837	91	258016	19.34	ug/l		100
90) Hexachloroethane	14.102	117	52096	19.41	ug/l		98
91) 1,2-Dichlorobenzene	13.885	146	132731	20.40	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	9421	21.23	ug/l		90
93) 1,2,4-Trichlorobenzene	15.155	180	79360	19.90	ug/l		98
94) Hexachlorobutadiene	15.261	225	44254	18.50	ug/l		95
95) Naphthalene	15.396	128	131389	19.11	ug/l		99
96) 1,2,3-Trichlorobenzene	15.590	180	67832	19.89	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051221\
Data File : VD069141.D
Acq On : 12 May 2021 17:31
Operator : VA/SY
Sample : VD0512SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0512SBSD01

Manual Integrations APPROVED
MMDadoda
5/13/2021 4:06:02 PM

Quant Time: May 13 04:18:56 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\VD051221\
Data File : VD069141.D
Acq On : 12 May 2021 17:31
Operator : VA/SY
Sample : VD0512SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 13 04:18:56 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 :
VD0512SBSD01

Manual Integrations APPROVED
MMDadoda
5/13/2021 4:06:02 PM