Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052021\
Data File : VD069212.D
Acq On : 20 May 2021 12:06
Operator : VA/SY
Sample : VD0520SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

Manual Integrations APPROVED
MMDadoda
5/21/2021 1:48:00 PM

Quant Time: May 21 00:52:03 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	268533	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.861	114	452425	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.643	117	421721	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	221355	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	136146	50.57	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.14%				
35) Dibromofluoromethane	7.914	113	146867	49.88	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.76%				
50) Toluene-d8	10.338	98	537452	49.68	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.36%				
62) 4-Bromofluorobenzene	12.626	95	184027	52.87	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.74%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	59615	20.88	ug/l		97
3) Chloromethane	2.209	50	71372	21.75	ug/l		90
4) Vinyl Chloride	2.344	62	91686	21.20	ug/l		99
5) Bromomethane	2.750	94	67846	20.85	ug/l		90
6) Chloroethane	2.915	64	63520	22.83	ug/l	#	86
7) Trichlorofluoromethane	3.262	101	109352	20.72	ug/l		96
8) Diethyl Ether	3.703	74	24936	20.70	ug/l		93
9) 1,1,2-Trichlorotrifluo...	4.085	101	63714	21.31	ug/l		98
10) Methyl Iodide	4.297	142	49465	16.52	ug/l		96
11) Tert butyl alcohol	5.220	59	20520m	127.98	ug/l		
12) 1,1-Dichloroethene	4.062	96	57550	21.42	ug/l		86
13) Acrolein	3.920	56	18097	82.62	ug/l		97
14) Allyl chloride	4.709	41	60446	20.51	ug/l		98
15) Acrylonitrile	5.426	53	47748	106.21	ug/l		97
16) Acetone	4.162	43	43934	106.56	ug/l		99
17) Carbon Disulfide	4.403	76	186131	20.90	ug/l		100
18) Methyl Acetate	4.720	43	23501	23.46	ug/l		97
19) Methyl tert-butyl Ether	5.473	73	95684	19.63	ug/l		95
20) Methylene Chloride	4.967	84	83974	19.49	ug/l		97
21) trans-1,2-Dichloroethene	5.467	96	64576	20.27	ug/l		93
22) Diisopropyl ether	6.361	45	128152	21.77	ug/l		97
23) Vinyl Acetate	6.308	43	337054	97.03	ug/l		95
24) 1,1-Dichloroethane	6.256	63	109584	21.55	ug/l		97
25) 2-Butanone	7.214	43	56491	101.11	ug/l		94
26) 2,2-Dichloropropane	7.208	77	99407	20.90	ug/l		99
27) cis-1,2-Dichloroethene	7.214	96	70971	20.52	ug/l		98
28) Bromochloromethane	7.544	49	40232	22.19	ug/l		94
29) Tetrahydrofuran	7.567	42	31344	103.21	ug/l		96
30) Chloroform	7.708	83	121091	21.15	ug/l		94
31) Cyclohexane	7.985	56	81359	20.39	ug/l		95
32) 1,1,1-Trichloroethane	7.897	97	109504	21.08	ug/l		98
36) 1,1-Dichloropropene	8.108	75	91156	20.72	ug/l		95
37) Ethyl Acetate	7.285	43	28013	19.82	ug/l		99
38) Carbon Tetrachloride	8.091	117	98690	20.07	ug/l		98
39) Methylcyclohexane	9.355	83	84912	18.30	ug/l		90
40) Benzene	8.350	78	257397	20.43	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052021\
Data File : VD069212.D
Acq On : 20 May 2021 12:06
Operator : VA/SY
Sample : VD0520SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

Manual Integrations APPROVED
MMDadoda
5/21/2021 1:48:00 PM

Quant Time: May 21 00:52:03 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	13343	17.74	ug/l	#	83
42) 1,2-Dichloroethane	8.420	62	71229	20.70	ug/l		97
43) Isopropyl Acetate	8.450	43	52850	20.59	ug/l		97
44) Trichloroethene	9.114	130	70925	20.14	ug/l		95
45) 1,2-Dichloropropane	9.385	63	62100	20.88	ug/l		92
46) Dibromomethane	9.473	93	36368	20.46	ug/l		99
47) Bromodichloromethane	9.661	83	94161	20.81	ug/l	#	95
48) Methyl methacrylate	9.455	41	25714m	21.67	ug/l		
49) 1,4-Dioxane	9.455	88	7054	396.78	ug/l		96
51) 4-Methyl-2-Pentanone	10.226	43	134313	101.73	ug/l		99
52) Toluene	10.402	92	169214	20.81	ug/l		98
53) t-1,3-Dichloropropene	10.614	75	80397	20.22	ug/l		95
54) cis-1,3-Dichloropropene	10.085	75	96971	20.41	ug/l		95
55) 1,1,2-Trichloroethane	10.796	97	47770	19.94	ug/l		95
56) Ethyl methacrylate	10.661	69	46959	18.81	ug/l		99
57) 1,3-Dichloropropane	10.944	76	77779	20.09	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.938	63	123140	103.81	ug/l		99
59) 2-Hexanone	10.979	43	88941	100.95	ug/l		97
60) Dibromochloromethane	11.138	129	63201	20.54	ug/l		100
61) 1,2-Dibromoethane	11.243	107	46868	19.79	ug/l		97
64) Tetrachloroethene	10.873	164	59257	20.22	ug/l		89
65) Chlorobenzene	11.667	112	180759	20.68	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.743	131	68993	20.93	ug/l		99
67) Ethyl Benzene	11.743	91	300215	19.96	ug/l		99
68) m/p-Xylenes	11.849	106	240842	40.86	ug/l		99
69) o-Xylene	12.179	106	109427	20.87	ug/l		98
70) Styrene	12.191	104	193347	21.13	ug/l		100
71) Bromoform	12.355	173	37443	21.84	ug/l	#	97
73) Isopropylbenzene	12.473	105	299992	19.39	ug/l		100
74) N-amyl acetate	12.285	43	47912	18.94	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.726	83	55997	19.97	ug/l		99
76) 1,2,3-Trichloropropane	12.779	75	33868m	20.35	ug/l		
77) Bromobenzene	12.755	156	72677	19.80	ug/l		94
78) n-propylbenzene	12.814	91	378102	20.25	ug/l		99
79) 2-Chlorotoluene	12.902	91	212663	20.48	ug/l		98
80) 1,3,5-Trimethylbenzene	12.955	105	259765	20.36	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.520	75	15162	18.41	ug/l		99
82) 4-Chlorotoluene	13.002	91	229451	20.74	ug/l		100
83) tert-Butylbenzene	13.220	119	211494	19.90	ug/l		98
84) 1,2,4-Trimethylbenzene	13.261	105	254678	19.85	ug/l		100
85) sec-Butylbenzene	13.396	105	320010	20.02	ug/l		100
86) p-Isopropyltoluene	13.508	119	296887	21.14	ug/l		100
87) 1,3-Dichlorobenzene	13.508	146	162565	21.88	ug/l		98
88) 1,4-Dichlorobenzene	13.590	146	148761	20.21	ug/l		99
89) n-Butylbenzene	13.837	91	267510	20.44	ug/l		99
90) Hexachloroethane	14.108	117	50840	19.32	ug/l		99
91) 1,2-Dichlorobenzene	13.885	146	129888	20.36	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	9631	22.13	ug/l		96
93) 1,2,4-Trichlorobenzene	15.155	180	72160	18.45	ug/l		96
94) Hexachlorobutadiene	15.261	225	45693	19.47	ug/l		97
95) Naphthalene	15.390	128	117905	17.65	ug/l		98
96) 1,2,3-Trichlorobenzene	15.584	180	68375	20.44	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052021\
Data File : VD069212.D
Acq On : 20 May 2021 12:06
Operator : VA/SY
Sample : VD0520SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0520SBS01

Manual Integrations APPROVED
MMDadoda
5/21/2021 1:48:00 PM

Quant Time: May 21 00:52:03 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\VD052021\
Data File : VD069212.D
Acq On : 20 May 2021 12:06
Operator : VA/SY
Sample : VD0520SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 21 00:52:03 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 :
VD0520SBS01

Manual Integrations APPROVED
MMDadoda
5/21/2021 1:48:00 PM