Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051921\
Data File : VD069190.D
Acq On : 19 May 2021 12:11
Operator : VA/SY
Sample : VD0519SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

Manual Integrations APPROVED
MMDadoda
5/20/2021 5:59:38 PM

Quant Time: May 20 00:59:16 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	283026	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.861	114	467638	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	445164	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	276500	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	142352	50.17	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.34%				
35) Dibromofluoromethane	7.914	113	149387	49.09	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.18%				
50) Toluene-d8	10.338	98	553896	49.53	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.06%				
62) 4-Bromofluorobenzene	12.632	95	189325	52.62	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.24%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	65814	21.87	ug/l		96
3) Chloromethane	2.209	50	78401	22.67	ug/l		97
4) Vinyl Chloride	2.350	62	99305	21.79	ug/l		93
5) Bromomethane	2.756	94	70897	20.68	ug/l		100
6) Chloroethane	2.915	64	67531	23.03	ug/l		99
7) Trichlorofluoromethane	3.267	101	118950	21.39	ug/l		99
8) Diethyl Ether	3.709	74	28782	22.67	ug/l		95
9) 1,1,2-Trichlorotrifluo...	4.091	101	68878	21.85	ug/l		99
10) Methyl Iodide	4.303	142	53283	16.87	ug/l		100
11) Tert butyl alcohol	5.232	59	17533	95.17	ug/l	#	94
12) 1,1-Dichloroethene	4.067	96	62627	22.12	ug/l		96
13) Acrolein	3.915	56	20435	88.52	ug/l		96
14) Allyl chloride	4.714	41	66997	21.57	ug/l		96
15) Acrylonitrile	5.414	53	52548	110.90	ug/l		98
16) Acetone	4.150	43	52083	119.85	ug/l		89
17) Carbon Disulfide	4.403	76	202563	21.58	ug/l		98
18) Methyl Acetate	4.709	43	24968	23.65	ug/l		96
19) Methyl tert-butyl Ether	5.473	73	109673	21.34	ug/l		99
20) Methylene Chloride	4.962	84	80398	16.69	ug/l		95
21) trans-1,2-Dichloroethene	5.473	96	70389	20.97	ug/l		95
22) Diisopropyl ether	6.361	45	139144	22.43	ug/l		93
23) Vinyl Acetate	6.303	43	392258	107.14	ug/l		99
24) 1,1-Dichloroethane	6.261	63	117732	21.97	ug/l		97
25) 2-Butanone	7.208	43	64378	109.33	ug/l		100
26) 2,2-Dichloropropane	7.208	77	109355	21.82	ug/l		99
27) cis-1,2-Dichloroethene	7.208	96	78636	21.57	ug/l		97
28) Bromochloromethane	7.550	49	41389	21.66	ug/l		98
29) Tetrahydrofuran	7.561	42	37076	115.83	ug/l		93
30) Chloroform	7.708	83	131068	21.72	ug/l		97
31) Cyclohexane	7.985	56	89708	21.33	ug/l		96
32) 1,1,1-Trichloroethane	7.897	97	118958	21.73	ug/l		99
36) 1,1-Dichloropropene	8.108	75	98200	21.60	ug/l		98
37) Ethyl Acetate	7.291	43	30751	21.05	ug/l	#	92
38) Carbon Tetrachloride	8.097	117	106967	21.05	ug/l	#	94
39) Methylcyclohexane	9.355	83	98684	20.58	ug/l		93
40) Benzene	8.350	78	280331	21.53	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051921\
Data File : VD069190.D
Acq On : 19 May 2021 12:11
Operator : VA/SY
Sample : VD0519SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

Manual Integrations APPROVED
MMDadoda
5/20/2021 5:59:38 PM

Quant Time: May 20 00:59:16 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	7.526	41	14448	18.58	ug/l	#	92
42) 1,2-Dichloroethane	8.420	62	76555	21.53	ug/l		97
43) Isopropyl Acetate	8.450	43	57114	21.53	ug/l		99
44) Trichloroethene	9.108	130	76548	21.03	ug/l		100
45) 1,2-Dichloropropane	9.385	63	67211	21.86	ug/l		99
46) Dibromomethane	9.473	93	39483	21.49	ug/l		98
47) Bromodichloromethane	9.661	83	100792	21.56	ug/l		99
48) Methyl methacrylate	9.455	41	25862	21.08	ug/l		95
49) 1,4-Dioxane	9.455	88	8087	441.89	ug/l		91
51) 4-Methyl-2-Pentanone	10.226	43	151248	110.82	ug/l		100
52) Toluene	10.402	92	181723	21.62	ug/l		98
53) t-1,3-Dichloropropene	10.620	75	88231	21.47	ug/l		95
54) cis-1,3-Dichloropropene	10.091	75	104423	21.26	ug/l		98
55) 1,1,2-Trichloroethane	10.797	97	54350	21.94	ug/l		94
56) Ethyl methacrylate	10.655	69	53170	20.48	ug/l		95
57) 1,3-Dichloropropane	10.944	76	86879	21.71	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.938	63	142175	115.96	ug/l		97
59) 2-Hexanone	10.985	43	104580	114.83	ug/l		96
60) Dibromochloromethane	11.138	129	68781	21.62	ug/l		99
61) 1,2-Dibromoethane	11.238	107	51241	20.93	ug/l		97
64) Tetrachloroethene	10.873	164	65516	21.18	ug/l		97
65) Chlorobenzene	11.667	112	197890	21.45	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.744	131	70685	20.32	ug/l		96
67) Ethyl Benzene	11.744	91	330637	20.82	ug/l		99
68) m/p-Xylenes	11.849	106	264166	42.45	ug/l		98
69) o-Xylene	12.179	106	133804	24.18	ug/l		99
70) Styrene	12.191	104	235789	24.41	ug/l		99
71) Bromoform	12.355	173	40719	22.50	ug/l	#	100
73) Isopropylbenzene	12.479	105	324614	16.80	ug/l		98
74) N-amyl acetate	12.285	43	60629	19.18	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.732	83	70404	20.10	ug/l		97
76) 1,2,3-Trichloropropane	12.779	75	48007m	23.10	ug/l		
77) Bromobenzene	12.755	156	97686	21.30	ug/l		97
78) n-propylbenzene	12.814	91	495000	21.23	ug/l		100
79) 2-Chlorotoluene	12.902	91	277393	21.38	ug/l		96
80) 1,3,5-Trimethylbenzene	12.955	105	344173	21.60	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.526	75	17999	17.49	ug/l		96
82) 4-Chlorotoluene	13.002	91	292567	21.17	ug/l		98
83) tert-Butylbenzene	13.220	119	275773	20.77	ug/l		99
84) 1,2,4-Trimethylbenzene	13.261	105	342163	21.34	ug/l		99
85) sec-Butylbenzene	13.396	105	417687	20.92	ug/l		98
86) p-Isopropyltoluene	13.508	119	368170	20.99	ug/l		100
87) 1,3-Dichlorobenzene	13.508	146	191587	20.64	ug/l		98
88) 1,4-Dichlorobenzene	13.590	146	195825	21.30	ug/l		99
89) n-Butylbenzene	13.838	91	342294	20.94	ug/l		99
90) Hexachloroethane	14.108	117	68186	20.74	ug/l		99
91) 1,2-Dichlorobenzene	13.885	146	167599	21.03	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	10533	19.38	ug/l		94
93) 1,2,4-Trichlorobenzene	15.155	180	98893	20.25	ug/l		100
94) Hexachlorobutadiene	15.261	225	58185	19.85	ug/l		98
95) Naphthalene	15.396	128	166203	19.66	ug/l		100
96) 1,2,3-Trichlorobenzene	15.584	180	85142	20.37	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051921\
Data File : VD069190.D
Acq On : 19 May 2021 12:11
Operator : VA/SY
Sample : VD0519SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS01

Manual Integrations APPROVED
MMDadoda
5/20/2021 5:59:38 PM

Quant Time: May 20 00:59:16 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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051921\
Data File : VD069190.D
Acq On : 19 May 2021 12:11
Operator : VA/SY
Sample : VD0519SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 20 00:59:16 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 :
VD0519SBS01

Manual Integrations APPROVED
MMDadoda
5/20/2021 5:59:38 PM