Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031121\
Data File : VD068581.D
Acq On : 11 Mar 2021 12:30
Operator : VA/SY
Sample : VD0311SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 12 00:10:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD0311SBS01

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	286120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	483198	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	448511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	214554	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	129820	45.41	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 90.82%			
35) Dibromofluoromethane	7.920	113	136276	46.82	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.64%			
50) Toluene-d8	10.338	98	526075	45.37	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 90.74%			
62) 4-Bromofluorobenzene	12.632	95	173702	46.49	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.98%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	50640	18.24	ug/l	96
3) Chloromethane	2.209	50	65143	18.56	ug/l	95
4) Vinyl Chloride	2.350	62	79177	19.00	ug/l	100
5) Bromomethane	2.756	94	53981	18.19	ug/l	96
6) Chloroethane	2.914	64	51493	19.11	ug/l	93
7) Trichlorofluoromethane	3.273	101	92647	19.49	ug/l	99
8) Diethyl Ether	3.709	74	27176	19.20	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	55729	19.24	ug/l	96
10) Methyl Iodide	4.303	142	50628	16.47	ug/l	95
11) Tert butyl alcohol	5.220	59	17958	117.65	ug/l	96
12) 1,1-Dichloroethene	4.067	96	56713	19.74	ug/l	97
13) Acrolein	3.926	56	17555	80.47	ug/l	100
14) Allyl chloride	4.720	41	68978	18.59	ug/l	98
15) Acrylonitrile	5.420	53	62006	103.81	ug/l	98
16) Acetone	4.156	43	47905	105.50	ug/l	93
17) Carbon Disulfide	4.409	76	170998	18.16	ug/l	99
18) Methyl Acetate	4.714	43	21760	18.59	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	131405	21.09	ug/l #	91
20) Methylene Chloride	4.961	84	80625	21.36	ug/l	96
21) trans-1,2-Dichloroethene	5.467	96	70760	20.63	ug/l	89
22) Diisopropyl ether	6.361	45	154225	18.88	ug/l	94
23) Vinyl Acetate	6.308	43	387795	91.49	ug/l	98
24) 1,1-Dichloroethane	6.261	63	107221	19.15	ug/l	99
25) 2-Butanone	7.214	43	61252	93.84	ug/l	100
26) 2,2-Dichloropropane	7.208	77	94276	20.21	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	70423	18.70	ug/l	95
28) Bromochloromethane	7.550	49	40194	18.39	ug/l	83
29) Tetrahydrofuran	7.561	42	39096	92.24	ug/l	97
30) Chloroform	7.714	83	111772	18.90	ug/l	99
31) Cyclohexane	7.985	56	94370	18.15	ug/l	95
32) 1,1,1-Trichloroethane	7.902	97	100627	19.93	ug/l	95
36) 1,1-Dichloropropene	8.114	75	87718	19.10	ug/l	98
37) Ethyl Acetate	7.291	43	29907	19.62	ug/l	97
38) Carbon Tetrachloride	8.097	117	87117	20.19	ug/l	95
39) Methylcyclohexane	9.355	83	106262	18.76	ug/l	97
40) Benzene	8.349	78	253573	19.25	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.526	41	17789m	20.11	ug/l		
42) 1,2-Dichloroethane	8.426	62	66197	19.11	ug/l		99
43) Isopropyl Acetate	8.455	43	55636	19.86	ug/l		99
44) Trichloroethene	9.114	130	70823	19.58	ug/l		91
45) 1,2-Dichloropropane	9.385	63	62232	19.76	ug/l		99
46) Dibromomethane	9.479	93	33625	19.62	ug/l		94
47) Bromodichloromethane	9.661	83	89124	20.11	ug/l		91
48) Methyl methacrylate	9.455	41	29174	19.54	ug/l		100
49) 1,4-Dioxane	9.455	88	7319	374.55	ug/l	#	89
51) 4-Methyl-2-Pentanone	10.232	43	141918	96.83	ug/l		98
52) Toluene	10.402	92	164653	19.57	ug/l		96
53) t-1,3-Dichloropropene	10.620	75	80480	19.65	ug/l		100
54) cis-1,3-Dichloropropene	10.091	75	95550	19.12	ug/l		97
55) 1,1,2-Trichloroethane	10.802	97	47179	19.90	ug/l		93
56) Ethyl methacrylate	10.661	69	50297	18.45	ug/l		94
57) 1,3-Dichloropropane	10.949	76	76566	18.50	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.944	63	124868	91.32	ug/l		92
59) 2-Hexanone	10.985	43	98684	101.02	ug/l		99
60) Dibromochloromethane	11.138	129	58773	20.02	ug/l		99
61) 1,2-Dibromoethane	11.249	107	46106	19.87	ug/l		96
64) Tetrachloroethene	10.879	164	59466	20.30	ug/l		97
65) Chlorobenzene	11.673	112	174374	19.09	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.743	131	61456	19.36	ug/l		96
67) Ethyl Benzene	11.743	91	312364	19.16	ug/l		100
68) m/p-Xylenes	11.855	106	238704	38.55	ug/l		99
69) o-Xylene	12.179	106	107985	18.94	ug/l		97
70) Styrene	12.190	104	187438	19.22	ug/l		99
71) Bromoform	12.361	173	32910	20.40	ug/l	#	97
73) Isopropylbenzene	12.479	105	293453	18.44	ug/l		98
74) N-amyl acetate	12.285	43	50107	18.48	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.732	83	53139	19.41	ug/l		97
76) 1,2,3-Trichloropropane	12.785	75	35841m	18.82	ug/l		
77) Bromobenzene	12.761	156	70103	19.30	ug/l		95
78) n-propylbenzene	12.820	91	363835	19.13	ug/l		97
79) 2-Chlorotoluene	12.902	91	197750	18.74	ug/l		99
80) 1,3,5-Trimethylbenzene	12.955	105	248736	19.07	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.526	75	15564	19.07	ug/l		96
82) 4-Chlorotoluene	13.002	91	211320	19.03	ug/l		97
83) tert-Butylbenzene	13.220	119	200998	18.10	ug/l		96
84) 1,2,4-Trimethylbenzene	13.267	105	251826	19.28	ug/l		98
85) sec-Butylbenzene	13.396	105	291230	18.57	ug/l		100
86) p-Isopropyltoluene	13.514	119	274287	19.26	ug/l		98
87) 1,3-Dichlorobenzene	13.514	146	135815	19.36	ug/l		99
88) 1,4-Dichlorobenzene	13.590	146	131528	18.93	ug/l		98
89) n-Butylbenzene	13.837	91	259095	18.86	ug/l		97
90) Hexachloroethane	14.108	117	58876	20.80	ug/l		88
91) 1,2-Dichlorobenzene	13.884	146	120964	20.11	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	9705	20.11	ug/l		80
93) 1,2,4-Trichlorobenzene	15.155	180	88275	19.00	ug/l		99
94) Hexachlorobutadiene	15.261	225	52211	20.25	ug/l		97
95) Naphthalene	15.396	128	147631	17.55	ug/l		100
96) 1,2,3-Trichlorobenzene	15.590	180	77452	19.25	ug/l		94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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