Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022521\
Data File : VD068443.D
Acq On : 25 Feb 2021 12:38
Operator : VA/SY
Sample : VD0225SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0225SBSD01

Quant Time: Feb 26 00:28:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	322172	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	550484	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.643	117	499199	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	229965	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	166376	50.51	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.02%				
35) Dibromofluoromethane	7.914	113	174479	53.40	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.80%				
50) Toluene-d8	10.338	98	703170	51.92	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.84%				
62) 4-Bromofluorobenzene	12.632	95	225928	51.21	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.42%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	62322	21.11	ug/l		96
3) Chloromethane	2.214	50	71050	20.21	ug/l		99
4) Vinyl Chloride	2.350	62	87948	20.90	ug/l		94
5) Bromomethane	2.756	94	61476	20.44	ug/l		97
6) Chloroethane	2.920	64	57682	20.99	ug/l		92
7) Trichlorofluoromethane	3.273	101	110629	21.36	ug/l		94
8) Diethyl Ether	3.708	74	31220	20.53	ug/l		99
9) 1,1,2-Trichlorotrifluo...	4.097	101	68848	21.85	ug/l		93
10) Methyl Iodide	4.303	142	61686	20.84	ug/l		93
11) Tert butyl alcohol	5.220	59	19359	117.24	ug/l		95
12) 1,1-Dichloroethene	4.073	96	64466	21.04	ug/l		97
13) Acrolein	3.926	56	14852	78.66	ug/l		99
14) Allyl chloride	4.714	41	83962	21.08	ug/l		98
15) Acrylonitrile	5.426	53	73147	111.43	ug/l		98
16) Acetone	4.161	43	60918	119.88	ug/l		91
17) Carbon Disulfide	4.408	76	180403	20.33	ug/l		98
18) Methyl Acetate	4.720	43	28132	20.17	ug/l		92
19) Methyl tert-butyl Ether	5.479	73	143202	20.71	ug/l	#	86
20) Methylene Chloride	4.961	84	84066	22.11	ug/l	#	90
21) trans-1,2-Dichloroethene	5.473	96	72547	20.46	ug/l		99
22) Diisopropyl ether	6.361	45	190905	21.65	ug/l	#	94
23) Vinyl Acetate	6.302	43	483980	106.32	ug/l		98
24) 1,1-Dichloroethane	6.261	63	127386	21.12	ug/l		97
25) 2-Butanone	7.208	43	80667	113.54	ug/l		90
26) 2,2-Dichloropropane	7.202	77	111867	21.68	ug/l		99
27) cis-1,2-Dichloroethene	7.208	96	85828	21.29	ug/l		98
28) Bromochloromethane	7.544	49	49048	19.60	ug/l	#	84
29) Tetrahydrofuran	7.561	42	50017	108.83	ug/l		97
30) Chloroform	7.708	83	135342	21.57	ug/l		97
31) Cyclohexane	7.985	56	115575	22.56	ug/l		95
32) 1,1,1-Trichloroethane	7.908	97	119189	21.98	ug/l		95
36) 1,1-Dichloropropene	8.114	75	104282	21.41	ug/l		97
37) Ethyl Acetate	7.291	43	36446	22.15	ug/l		96
38) Carbon Tetrachloride	8.096	117	103181	22.21	ug/l		96
39) Methylcyclohexane	9.355	83	129327	21.65	ug/l		96
40) Benzene	8.349	78	297895	21.45	ug/l		94

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Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.520	41	17644	18.63	ug/l	#	88
42) 1,2-Dichloroethane	8.426	62	79627	21.49	ug/l		98
43) Isopropyl Acetate	8.449	43	68149	21.62	ug/l		98
44) Trichloroethene	9.114	130	84233	22.28	ug/l		99
45) 1,2-Dichloropropane	9.390	63	74324	21.93	ug/l		96
46) Dibromomethane	9.473	93	38381	20.87	ug/l		96
47) Bromodichloromethane	9.661	83	103532	21.72	ug/l		99
48) Methyl methacrylate	9.455	41	34972	22.24	ug/l		91
49) 1,4-Dioxane	9.461	88	9111	424.11	ug/l		89
51) 4-Methyl-2-Pentanone	10.232	43	180231	111.36	ug/l		98
52) Toluene	10.402	92	198325	22.21	ug/l		98
53) t-1,3-Dichloropropene	10.620	75	97509	22.10	ug/l		97
54) cis-1,3-Dichloropropene	10.090	75	117748	21.84	ug/l		99
55) 1,1,2-Trichloroethane	10.802	97	57692	22.71	ug/l		98
56) Ethyl methacrylate	10.661	69	67102	22.26	ug/l		97
57) 1,3-Dichloropropane	10.943	76	95213	21.36	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.943	63	166419	103.12	ug/l		92
59) 2-Hexanone	10.985	43	129232	118.12	ug/l		99
60) Dibromochloromethane	11.143	129	69129	21.93	ug/l		100
61) 1,2-Dibromoethane	11.249	107	52954	21.57	ug/l		96
64) Tetrachloroethene	10.879	164	65772	21.41	ug/l		96
65) Chlorobenzene	11.673	112	210601	21.94	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.743	131	75385	22.51	ug/l		95
67) Ethyl Benzene	11.743	91	381497	22.17	ug/l		96
68) m/p-Xylenes	11.855	106	287316	44.17	ug/l		98
69) o-Xylene	12.179	106	131146	21.98	ug/l		97
70) Styrene	12.196	104	227044	21.88	ug/l		99
71) Bromoform	12.361	173	38587	22.42	ug/l	#	100
73) Isopropylbenzene	12.479	105	364833	21.72	ug/l		100
74) N-amyl acetate	12.284	43	63836	21.52	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.732	83	64622	22.20	ug/l		97
76) 1,2,3-Trichloropropane	12.784	75	37097m	16.95	ug/l		
77) Bromobenzene	12.761	156	79718	21.24	ug/l		89
78) n-propylbenzene	12.820	91	437863	21.78	ug/l		97
79) 2-Chlorotoluene	12.908	91	238135	21.38	ug/l		100
80) 1,3,5-Trimethylbenzene	12.955	105	302198	22.02	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.526	75	19900	22.79	ug/l		93
82) 4-Chlorotoluene	13.002	91	252000	21.40	ug/l		99
83) tert-Butylbenzene	13.220	119	261752	21.98	ug/l		99
84) 1,2,4-Trimethylbenzene	13.267	105	297015	21.72	ug/l		97
85) sec-Butylbenzene	13.402	105	370905	22.27	ug/l		100
86) p-Isopropyltoluene	13.514	119	327186	21.88	ug/l		98
87) 1,3-Dichlorobenzene	13.514	146	158970	21.90	ug/l		100
88) 1,4-Dichlorobenzene	13.590	146	159174	22.03	ug/l		98
89) n-Butylbenzene	13.837	91	321786	22.06	ug/l		97
90) Hexachloroethane	14.108	117	61197	22.54	ug/l		90
91) 1,2-Dichlorobenzene	13.884	146	139846	22.22	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.508	75	9193	21.60	ug/l		95
93) 1,2,4-Trichlorobenzene	15.161	180	109516	26.56	ug/l		99
94) Hexachlorobutadiene	15.261	225	59463	26.22	ug/l		99
95) Naphthalene	15.396	128	194463	25.37	ug/l		99
96) 1,2,3-Trichlorobenzene	15.590	180	90502	25.16	ug/l		98

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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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