Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD092118\
Data File : VD060064.D
Acq On : 21 Sep 2018 11:21
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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9/24/2018 1:01:32 PM

Quant Time: Sep 21 14:26:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 13 16:17:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1741645	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.43	114	2411717	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	1943524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	1015122	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	721763	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.28%			
35) Dibromofluoromethane	6.31	113	1005465	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.72%			
50) Toluene-d8	9.45	98	2810166	53.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.64%			
62) 4-Bromofluorobenzene	12.42	95	1059117	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.18%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.59	85	917451	49.904	ug/l	99
3) Chloromethane	1.75	50	862828	53.131	ug/l	98
4) Vinyl Chloride	1.85	62	719482	55.112	ug/l	98
5) Bromomethane	2.14	94	104644	67.719	ug/l	97
6) Chloroethane	2.26	64	198466	68.000	ug/l	98
7) Trichlorofluoromethane	2.50	101	820065	57.057	ug/l	97
8) Diethyl Ether	2.82	74	184618	60.425	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.08	101	543659	59.986	ug/l	99
10) Methyl Iodide	3.24	142	600970	62.607	ug/l	95
11) Tert butyl alcohol	3.96	59	253361	231.184	ug/l	97
12) 1,1-Dichloroethene	3.06	96	437014	60.983	ug/l	96
13) Acrolein	2.97	56	159488	235.001	ug/l	96
14) Allyl chloride	3.52	41	871745	57.682	ug/l	97
15) Acrylonitrile	4.08	53	1059933	256.219	ug/l	99
16) Acetone	3.15	43	747227	284.955	ug/l	98
17) Carbon Disulfide	3.31	76	1348485	54.615	ug/l	99
18) Methyl Acetate	3.54	43	308057	57.765	ug/l	99
19) Methyl tert-butyl Ether	4.12	73	1702836	51.428	ug/l	99
20) Methylene Chloride	3.71	84	1039802	56.694	ug/l	98
21) trans-1,2-Dichloroethene	4.09	96	975951	51.897	ug/l	97
22) Diisopropyl ether	4.84	45	3683736	53.436	ug/l	97
23) Vinyl Acetate	4.79	43	10337529	264.695	ug/l	99
24) 1,1-Dichloroethane	4.75	63	1668657	53.939	ug/l	100
25) 2-Butanone	5.61	43	1656983	234.166	ug/l	100
26) 2,2-Dichloropropane	5.57	77	1302360	54.149	ug/l	99
27) cis-1,2-Dichloroethene	5.58	96	1055455	53.656	ug/l	99
28) Bromochloromethane	5.92	49	751703	50.550	ug/l	98
29) Tetrahydrofuran	5.95	42	943818	248.711	ug/l	98
30) Chloroform	6.09	83	1670233	53.239	ug/l	98
31) Cyclohexane	6.36	56	1500496	49.746	ug/l	98
32) 1,1,1-Trichloroethane	6.28	97	1404922	53.994	ug/l	99
36) 1,1-Dichloropropene	6.52	75	1239125	51.724	ug/l	99
37) Ethyl Acetate	5.69	43	848639	51.513	ug/l	98
38) Carbon Tetrachloride	6.49	117	1147754	51.323	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	8.03	83	1434636	52.937	ug/l		96
40) Benzene	6.78	78	3274014	53.620	ug/l		99
41) Methacrylonitrile	5.92	41	375986m	43.574	ug/l		
42) 1,2-Dichloroethane	6.88	62	962007	52.471	ug/l		99
43) Isopropyl Acetate	8.34	43	1116818	50.631	ug/l	#	100
44) Trichloroethene	7.73	130	1002338	53.131	ug/l		98
45) 1,2-Dichloropropane	8.09	63	861524	52.766	ug/l		100
46) Dibromomethane	8.21	93	563716	52.916	ug/l		93
47) Bromodichloromethane	8.48	83	1229795	53.544	ug/l		98
48) Methyl methacrylate	8.24	41	624874	50.865	ug/l		96
49) 1,4-Dioxane	8.22	88	118563	971.690	ug/l		98
51) 4-Methyl-2-Pentanone	9.33	43	3497098	239.587	ug/l		99
52) Toluene	9.54	92	2064068	52.738	ug/l		99
53) t-1,3-Dichloropropene	9.91	75	1135127	52.990	ug/l		98
54) cis-1,3-Dichloropropene	9.09	75	1360428	53.153	ug/l		99
55) 1,1,2-Trichloroethane	10.18	97	695405	51.175	ug/l		97
56) Ethyl methacrylate	10.02	69	769930	51.082	ug/l		98
57) 1,3-Dichloropropane	10.37	76	1052054	52.449	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.92	63	1846767	253.733	ug/l		98
59) 2-Hexanone	10.48	43	2606906	251.559	ug/l		99
60) Dibromochloromethane	10.63	129	887262	53.644	ug/l		99
61) 1,2-Dibromoethane	10.75	107	737986	52.600	ug/l		97
64) Tetrachloroethene	10.25	164	883171	51.504	ug/l		99
65) Chlorobenzene	11.31	112	2266342	54.238	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.42	131	749827	53.204	ug/l		98
67) Ethyl Benzene	11.43	91	3572008	53.120	ug/l		99
68) m/p-Xylenes	11.56	106	2688825	108.270	ug/l		100
69) o-Xylene	11.93	106	1330997	54.089	ug/l		96
70) Styrene	11.95	104	2282861	55.175	ug/l		98
71) Bromoform	12.11	173	660326	54.534	ug/l	#	98
73) Isopropylbenzene	12.27	105	3603359	54.124	ug/l		100
74) N-amyl acetate	12.13	43	1393241	52.831	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.56	83	820263	54.310	ug/l		100
76) 1,2,3-Trichloropropane	12.59	75	784469	50.599	ug/l		99
77) Bromobenzene	12.54	156	1054727	54.997	ug/l		90
78) n-propylbenzene	12.64	91	4411411	52.692	ug/l		98
79) 2-Chlorotoluene	12.70	91	2472652	52.327	ug/l		96
80) 1,3,5-Trimethylbenzene	12.79	105	2765230	54.190	ug/l		98
81) trans-1,4-Dichloro-2-buten	12.33	75	250705	53.569	ug/l		93
82) 4-Chlorotoluene	12.80	91	2791167	53.726	ug/l		96
83) tert-Butylbenzene	13.04	119	3214027	54.368	ug/l		96
84) 1,2,4-Trimethylbenzene	13.09	105	2870451	52.713	ug/l		98
85) sec-Butylbenzene	13.22	105	3610419	51.449	ug/l		98
86) p-Isopropyltoluene	13.34	119	3079738	54.262	ug/l		97
87) 1,3-Dichlorobenzene	13.31	146	1827955	54.812	ug/l		98
88) 1,4-Dichlorobenzene	13.39	146	1789591	52.905	ug/l		97
89) n-Butylbenzene	13.64	91	3020826	58.646	ug/l		97
90) Hexachloroethane	13.86	117	767996	54.631	ug/l		83
91) 1,2-Dichlorobenzene	13.66	146	1524449	58.219	ug/l		96
92) 1,2-Dibromo-3-Chloropropan	14.22	75	109879	47.722	ug/l		74

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.78	180	1290628	54.307	ug/l	99
94) Hexachlorobutadiene	14.87	225	863405	54.921	ug/l	99
95) Naphthalene	14.96	128	1935007	52.721	ug/l	100
96) 1,2,3-Trichlorobenzene	15.11	180	1073720	51.268	ug/l	97

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

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