Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD080219\
Data File : VD063331.D
Acq On : 2 Aug 2019 22:45
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VSTDCCC050

Quant Time: Aug 02 23:30:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.03	168	989642	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.21	114	1426743	50.00	ug/l		0.00
63) Chlorobenzene-d5	12.36	117	1119736	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	626725	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.44	65	536237	48.83	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.66%				
35) Dibromofluoromethane	6.91	113	581357	47.73	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.46%				
50) Toluene-d8	10.41	98	1274880	46.76	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.52%				
62) 4-Bromofluorobenzene	13.55	95	560763	45.14	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.28%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.57	85	554390	45.829	ug/l		96
3) Chloromethane	1.74	50	474798	50.517	ug/l		94
4) Vinyl Chloride	1.84	62	456539	46.922	ug/l		98
5) Bromomethane	2.15	94	237246	48.347	ug/l	#	95
6) Chloroethane	2.25	64	229860	51.169	ug/l		93
7) Trichlorofluoromethane	2.52	101	945383	50.085	ug/l		99
8) Diethyl Ether	2.86	74	145163	54.950	ug/l		95
9) 1,1,2-Trichlorotrifluoroet	3.13	101	530305	50.718	ug/l		94
10) Methyl Iodide	3.29	142	791747	52.417	ug/l		98
11) Tert butyl alcohol	4.07	59	138589	287.588	ug/l	#	91
12) 1,1-Dichloroethene	3.11	96	380435	49.562	ug/l		96
13) Acrolein	3.02	56	116484	251.160	ug/l		86
14) Allyl chloride	3.60	41	635228	51.948	ug/l		92
15) Acrylonitrile	4.18	53	360758	288.753	ug/l		100
16) Acetone	3.22	43	570814	266.794	ug/l		99
17) Carbon Disulfide	3.36	76	1283687	49.964	ug/l		99
18) Methyl Acetate	3.63	43	265197	64.530	ug/l		94
19) Methyl tert-butyl Ether	4.23	73	1000552	57.705	ug/l		97
20) Methylene Chloride	3.80	84	467550	54.063	ug/l		97
21) trans-1,2-Dichloroethene	4.20	96	463575	53.824	ug/l		93
22) Diisopropyl ether	5.11	45	1359476	55.646	ug/l	#	97
23) Vinyl Acetate	5.04	43	4100556	273.051	ug/l		99
24) 1,1-Dichloroethane	4.97	63	857074	54.923	ug/l		96
25) 2-Butanone	6.05	43	605514	282.001	ug/l		98
26) 2,2-Dichloropropane	6.01	77	802108	49.877	ug/l		98
27) cis-1,2-Dichloroethene	6.02	96	514361	55.702	ug/l		94
28) Bromochloromethane	6.43	49	357726	57.535	ug/l	#	96
29) Tetrahydrofuran	6.45	42	320324	315.096	ug/l		98
30) Chloroform	6.65	83	1085289	56.040	ug/l		97
31) Cyclohexane	6.94	56	522179	53.385	ug/l		97
32) 1,1,1-Trichloroethane	6.86	97	963940	51.459	ug/l		99
36) 1,1-Dichloropropene	7.14	75	674459	51.798	ug/l		97
37) Ethyl Acetate	6.17	43	316306	54.072	ug/l	#	98
38) Carbon Tetrachloride	7.10	117	1062776	54.217	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	8.85	83	514318	47.409	ug/l		93
40) Benzene	7.44	78	1417562	51.946	ug/l		100
41) Methacrylonitrile	6.44	41	409619	58.538	ug/l	#	81
42) 1,2-Dichloroethane	7.57	62	757923	52.405	ug/l		96
43) Isopropyl Acetate	9.23	43	418091	55.951	ug/l	#	95
44) Trichloroethene	8.54	130	562433	50.862	ug/l		98
45) 1,2-Dichloropropane	8.93	63	354860	51.160	ug/l		97
46) Dibromomethane	9.06	93	306570	53.156	ug/l		98
47) Bromodichloromethane	9.36	83	841560	57.243	ug/l		94
48) Methyl methacrylate	9.11	41	273369	56.407	ug/l		90
49) 1,4-Dioxane	9.08	88	43736	1065.603	ug/l		97
51) 4-Methyl-2-Pentanone	10.30	43	1424071	280.226	ug/l		98
52) Toluene	10.50	92	969374	53.409	ug/l		98
53) t-1,3-Dichloropropene	10.91	75	674718	53.233	ug/l		95
54) cis-1,3-Dichloropropene	10.03	75	750864	56.367	ug/l		96
55) 1,1,2-Trichloroethane	11.18	97	323879	52.836	ug/l		93
56) Ethyl methacrylate	11.04	69	382351	56.962	ug/l		99
57) 1,3-Dichloropropane	11.40	76	511349	52.945	ug/l		94
58) 2-Chloroethyl Vinyl ether	9.84	63	970427	277.841	ug/l		96
59) 2-Hexanone	11.53	43	1059826	289.395	ug/l		98
60) Dibromochloromethane	11.68	129	639455	55.258	ug/l		95
61) 1,2-Dibromoethane	11.79	107	411740	54.435	ug/l		98
64) Tetrachloroethene	11.25	164	488290	54.738	ug/l		98
65) Chlorobenzene	12.39	112	1115783	51.806	ug/l		98
66) 1,1,1,2-Tetrachloroethane	12.51	131	556133	58.620	ug/l		97
67) Ethyl Benzene	12.52	91	2026501	55.388	ug/l		98
68) m/p-Xylenes	12.66	106	1438961	107.243	ug/l		99
69) o-Xylene	13.04	106	704169	57.149	ug/l		92
70) Styrene	13.06	104	1223049	55.971	ug/l		97
71) Bromoform	13.23	173	394673	57.206	ug/l		97
73) Isopropylbenzene	13.40	105	2179710	55.414	ug/l		96
74) N-amyl acetate	13.26	43	590077	56.746	ug/l		99
75) 1,1,2,2-Tetrachloroethane	13.69	83	385829	57.745	ug/l		95
76) 1,2,3-Trichloropropane	13.72	75	410345	54.511	ug/l		99
77) Bromobenzene	13.66	156	609640	54.406	ug/l		90
78) n-propylbenzene	13.77	91	2335416	49.892	ug/l		99
79) 2-Chlorotoluene	13.83	91	1360581	50.163	ug/l		93
80) 1,3,5-Trimethylbenzene	13.93	105	1720377	50.709	ug/l		97
81) trans-1,4-Dichloro-2-buten	13.47	75	105822	50.625	ug/l		97
82) 4-Chlorotoluene	13.94	91	1694405	53.082	ug/l		93
83) tert-Butylbenzene	14.19	119	1942586	50.147	ug/l		95
84) 1,2,4-Trimethylbenzene	14.23	105	1748341	49.822	ug/l		99
85) sec-Butylbenzene	14.36	105	1966081	48.173	ug/l		99
86) p-Isopropyltoluene	14.48	119	1905455	48.915	ug/l		96
87) 1,3-Dichlorobenzene	14.45	146	1005668	50.679	ug/l		99
88) 1,4-Dichlorobenzene	14.53	146	1036918	51.674	ug/l		97
89) n-Butylbenzene	14.80	91	1721589	51.170	ug/l		97
90) Hexachloroethane	15.00	117	514761	50.721	ug/l		92
91) 1,2-Dichlorobenzene	14.81	146	892223	51.605	ug/l		96
92) 1,2-Dibromo-3-Chloropropan	15.38	75	75723	55.637	ug/l		66

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	669539	48.815 ug/l	98
94) Hexachlorobutadiene	16.04	225	507729	51.081 ug/l	99
95) Naphthalene	16.12	128	1082736	55.851 ug/l	98
96) 1,2,3-Trichlorobenzene	16.26	180	534614	49.339 ug/l	97

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

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