Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081619\
Data File : VD063626.D
Acq On : 16 Aug 2019 9:39
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VSTDCCC050

Quant Time: Aug 17 05:57:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1107700	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.22	114	1462392	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	1199475	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	664914	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	631142	53.30	ug/l	-0.02
Spiked Amount 50.000			Recovery = 106.60%			
35) Dibromofluoromethane	6.92	113	675945	54.88	ug/l	-0.02
Spiked Amount 50.000			Recovery = 109.76%			
50) Toluene-d8	10.40	98	1429144	52.78	ug/l	-0.02
Spiked Amount 50.000			Recovery = 105.56%			
62) 4-Bromofluorobenzene	13.55	95	585961	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.48%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.57	85	651840	48.640	ug/l	99
3) Chloromethane	1.74	50	481468	45.983	ug/l	100
4) Vinyl Chloride	1.85	62	507438	48.819	ug/l	97
5) Bromomethane	2.14	94	261073	53.231	ug/l	97
6) Chloroethane	2.26	64	243327	51.192	ug/l	96
7) Trichlorofluoromethane	2.53	101	1085044	53.219	ug/l	99
8) Diethyl Ether	2.87	74	134630	46.769	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.14	101	595756	49.486	ug/l	95
10) Methyl Iodide	3.29	142	830445	48.753	ug/l	98
11) Tert butyl alcohol	4.06	59	131355	254.841	ug/l	97
12) 1,1-Dichloroethene	3.12	96	435594	48.666	ug/l	93
13) Acrolein	3.03	56	109330	215.491	ug/l	93
14) Allyl chloride	3.61	41	668341	49.671	ug/l	95
15) Acrylonitrile	4.19	53	320102	234.460	ug/l	95
16) Acetone	3.22	43	706255	293.425	ug/l	94
17) Carbon Disulfide	3.36	76	1307129	46.272	ug/l	98
18) Methyl Acetate	3.64	43	205082	44.983	ug/l	98
19) Methyl tert-butyl Ether	4.23	73	962117	53.748	ug/l	98
20) Methylene Chloride	3.81	84	452056	43.434	ug/l	97
21) trans-1,2-Dichloroethene	4.21	96	483474	51.330	ug/l	95
22) Diisopropyl ether	5.11	45	1379492	49.683	ug/l	93
23) Vinyl Acetate	5.05	43	4188434	259.479	ug/l	99
24) 1,1-Dichloroethane	4.97	63	884846	51.381	ug/l	97
25) 2-Butanone	6.06	43	644210	270.999	ug/l	94
26) 2,2-Dichloropropane	6.01	77	966117	56.324	ug/l	95
27) cis-1,2-Dichloroethene	6.03	96	536897	52.100	ug/l	97
28) Bromochloromethane	6.43	49	338065	48.437	ug/l	97
29) Tetrahydrofuran	6.45	42	265702	239.868	ug/l	99
30) Chloroform	6.65	83	1054921	49.283	ug/l	98
31) Cyclohexane	6.94	56	535145	50.056	ug/l	100
32) 1,1,1-Trichloroethane	6.87	97	1064960	52.010	ug/l	97
36) 1,1-Dichloropropene	7.13	75	722290	55.871	ug/l	94
37) Ethyl Acetate	6.18	43	287701	53.109	ug/l #	97
38) Carbon Tetrachloride	7.10	117	1152375	59.145	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	8.86	83	595852	54.203 ug/l		99
40) Benzene	7.45	78	1577308	55.442 ug/l		97
41) Methacrylonitrile	6.43	41	353655	51.849 ug/l	#	94
42) 1,2-Dichloroethane	7.57	62	753640	52.683 ug/l		100
43) Isopropyl Acetate	9.24	43	392161	54.051 ug/l		92
44) Trichloroethene	8.53	130	596033	54.812 ug/l		98
45) 1,2-Dichloropropane	8.94	63	359708	54.294 ug/l		99
46) Dibromomethane	9.05	93	299172	52.877 ug/l		93
47) Bromodichloromethane	9.37	83	817418	56.324 ug/l		96
48) Methyl methacrylate	9.11	41	257899	52.414 ug/l		98
49) 1,4-Dioxane	9.07	88	46348	1053.482 ug/l	#	91
51) 4-Methyl-2-Pentanone	10.29	43	1365422	275.030 ug/l		98
52) Toluene	10.50	92	966531	52.746 ug/l		97
53) t-1,3-Dichloropropene	10.90	75	669327	56.512 ug/l		99
54) cis-1,3-Dichloropropene	10.04	75	754298	56.481 ug/l		97
55) 1,1,2-Trichloroethane	11.19	97	307563	49.688 ug/l		97
56) Ethyl methacrylate	11.04	69	349366	52.001 ug/l		98
57) 1,3-Dichloropropane	11.41	76	504868	53.959 ug/l		95
58) 2-Chloroethyl Vinyl ether	9.85	63	1000150	281.979 ug/l		99
59) 2-Hexanone	11.52	43	1063380	294.370 ug/l		99
60) Dibromochloromethane	11.68	129	609341	54.099 ug/l		97
61) 1,2-Dibromoethane	11.80	107	394096	52.593 ug/l		100
64) Tetrachloroethene	11.25	164	531699	57.421 ug/l		93
65) Chlorobenzene	12.39	112	1194205	53.121 ug/l		98
66) 1,1,1,2-Tetrachloroethane	12.51	131	564623	57.068 ug/l		92
67) Ethyl Benzene	12.52	91	2093223	53.550 ug/l		98
68) m/p-Xylenes	12.67	106	1469492	107.003 ug/l		100
69) o-Xylene	13.05	106	702268	53.131 ug/l		90
70) Styrene	13.07	104	1269154	53.980 ug/l		98
71) Bromoform	13.23	173	394261	58.115 ug/l		97
73) Isopropylbenzene	13.39	105	2214729	52.367 ug/l		98
74) N-amyl acetate	13.27	43	556387	52.407 ug/l		97
75) 1,1,2,2-Tetrachloroethane	13.70	83	376190	53.590 ug/l		95
76) 1,2,3-Trichloropropane	13.73	75	427186	55.980 ug/l		97
77) Bromobenzene	13.67	156	612910	53.026 ug/l		85
78) n-propylbenzene	13.77	91	2586810	52.276 ug/l		96
79) 2-Chlorotoluene	13.84	91	1501073	52.612 ug/l		96
80) 1,3,5-Trimethylbenzene	13.93	105	1829370	49.506 ug/l		98
81) trans-1,4-Dichloro-2-buten	13.46	75	108305	52.806 ug/l		98
82) 4-Chlorotoluene	13.95	91	1712367	49.911 ug/l		93
83) tert-Butylbenzene	14.18	119	1991487	51.179 ug/l		95
84) 1,2,4-Trimethylbenzene	14.23	105	1700591	49.738 ug/l		93
85) sec-Butylbenzene	14.36	105	2261779	54.733 ug/l		99
86) p-Isopropyltoluene	14.49	119	2068349	52.348 ug/l		98
87) 1,3-Dichlorobenzene	14.45	146	1056935	50.554 ug/l		95
88) 1,4-Dichlorobenzene	14.54	146	1040028	51.849 ug/l		96
89) n-Butylbenzene	14.79	91	1949837	54.070 ug/l		97
90) Hexachloroethane	15.01	117	563462	56.737 ug/l		84
91) 1,2-Dichlorobenzene	14.80	146	908773	51.232 ug/l		97
92) 1,2-Dibromo-3-Chloropropan	15.37	75	71667	54.221 ug/l		71

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	740738	56.751 ug/l	95
94) Hexachlorobutadiene	16.03	225	563450	56.641 ug/l	98
95) Naphthalene	16.12	128	1019270	51.528 ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	579706	54.989 ug/l	97

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

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