Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021219\
Data File : VF061603.D
Acq On : 12 Feb 2019 12:14
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VSTDCCC050

Quant Time: Feb 13 02:54:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	4.84	168	161296	50.00	ug/l		-0.02
34) 1,4-Difluorobenzene	5.57	114	283253	50.00	ug/l		-0.02
63) Chlorobenzene-d5	9.76	117	254834	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	126081	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	4.83	65	93606	47.00	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.00%				
35) Dibromofluoromethane	4.10	113	108121	48.37	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.74%				
50) Toluene-d8	7.54	98	283194	46.24	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.48%				
62) 4-Bromofluorobenzene	11.39	95	126382	44.17	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.34%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.96	85	144041	45.450	ug/l		87
3) Chloromethane	1.11	50	103638	44.598	ug/l		99
4) Vinyl Chloride	1.14	62	103695	50.164	ug/l		95
5) Bromomethane	1.32	94	71725	53.210	ug/l		100
6) Chloroethane	1.38	64	52268	57.064	ug/l		98
7) Trichlorofluoromethane	1.47	101	202243m	50.327	ug/l		
8) Diethyl Ether	1.62	74	27274	52.968	ug/l		100
9) 1,1,2-Trichlorotrifluoroet	1.84	101	94900	49.147	ug/l		95
10) Methyl Iodide	1.91	142	155411m	51.916	ug/l		
11) Tert butyl alcohol	2.57	59	20942	248.444	ug/l	#	89
12) 1,1-Dichloroethene	1.79	96	74952	52.247	ug/l		93
13) Acrolein	1.99	56	19911	273.236	ug/l		89
14) Allyl chloride	2.08	41	115633	71.132	ug/l		88
15) Acrylonitrile	2.93	53	54598	252.867	ug/l		99
16) Acetone	2.23	43	124575	311.828	ug/l		100
17) Carbon Disulfide	1.81	76	214729m	48.005	ug/l		
18) Methyl Acetate	2.34	43	43781	55.260	ug/l		96
19) Methyl tert-butyl Ether	2.42	73	163687	50.899	ug/l		99
20) Methylene Chloride	2.17	84	75449m	55.841	ug/l		
21) trans-1,2-Dichloroethene	2.30	96	82236	52.102	ug/l		97
22) Diisopropyl ether	2.78	45	267892	52.475	ug/l		98
23) Vinyl Acetate	3.17	43	600445	267.179	ug/l		100
24) 1,1-Dichloroethane	2.86	63	161913	50.533	ug/l		99
25) 2-Butanone	4.31	43	168339	253.389	ug/l		99
26) 2,2-Dichloropropane	3.58	77	93656	47.576	ug/l		94
27) cis-1,2-Dichloroethene	3.45	96	111979	48.062	ug/l		92
28) Bromochloromethane	3.70	49	65044	45.161	ug/l	#	99
29) Tetrahydrofuran	4.05	42	66737	233.293	ug/l		97
30) Chloroform	3.84	83	218881	50.618	ug/l		97
31) Cyclohexane	3.67	56	140243m	43.818	ug/l		
32) 1,1,1-Trichloroethane	4.08	97	138457	43.669	ug/l		95
36) 1,1-Dichloropropene	4.26	75	159713	48.631	ug/l		98
37) Ethyl Acetate	4.10	43	62264	47.429	ug/l	#	73
38) Carbon Tetrachloride	3.97	117	135114	47.059	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Methylcyclohexane	5.43	83	155260	43.623 ug/l	97
40) Benzene	4.61	78	360573	49.340 ug/l	100
41) Methacrylonitrile	4.73	41	32877	47.065 ug/l #	89
42) 1,2-Dichloroethane	4.92	62	135708	52.113 ug/l	96
43) Isopropyl Acetate	6.94	43	72279	43.868 ug/l #	96
44) Trichloroethene	5.49	130	109143	48.686 ug/l	97
45) 1,2-Dichloropropane	6.22	63	92623	48.292 ug/l	96
46) Dibromomethane	6.07	93	61283	48.053 ug/l	99
47) Bromodichloromethane	6.36	83	167184	52.983 ug/l	100
48) Methyl methacrylate	6.69	41	50209	45.380 ug/l	97
49) 1,4-Dioxane	6.69	88	7745	1003.045 ug/l #	84
51) 4-Methyl-2-Pentanone	8.24	43	285550	235.742 ug/l	99
52) Toluene	7.61	92	224469	46.643 ug/l	97
53) t-1,3-Dichloropropene	8.26	75	126972	50.676 ug/l	97
54) cis-1,3-Dichloropropene	7.28	75	160398	51.214 ug/l	97
55) 1,1,2-Trichloroethane	8.47	97	68232	49.928 ug/l	97
56) Ethyl methacrylate	8.60	69	71226	44.798 ug/l	90
57) 1,3-Dichloropropane	8.83	76	121810	47.554 ug/l	97
58) 2-Chloroethyl Vinyl ether	7.27	63	47379	280.412 ug/l	98
59) 2-Hexanone	9.47	43	216994	256.904 ug/l	95
60) Dibromochloromethane	8.69	129	99874	49.989 ug/l	95
61) 1,2-Dibromoethane	8.97	107	73742	47.135 ug/l	87
64) Tetrachloroethene	8.13	164	89481	46.693 ug/l	99
65) Chlorobenzene	9.78	112	262166	50.590 ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.92	131	106337	51.509 ug/l	96
67) Ethyl Benzene	9.88	91	465647	49.180 ug/l	98
68) m/p-Xylenes	10.11	106	322907	94.822 ug/l	100
69) o-Xylene	10.69	106	179623	48.667 ug/l	98
70) Styrene	10.77	104	227475	45.025 ug/l	98
71) Bromoform	10.75	173	46943	50.609 ug/l #	99
73) Isopropylbenzene	11.11	105	536009	52.271 ug/l	98
74) N-amyl acetate	11.36	43	124338	51.278 ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.68	83	91230	49.940 ug/l	99
76) 1,2,3-Trichloropropane	11.78	75	64915	49.454 ug/l	96
77) Bromobenzene	11.48	156	109043	50.351 ug/l	97
78) n-propylbenzene	11.58	91	598581	47.650 ug/l	99
79) 2-Chlorotoluene	11.70	91	370137	52.023 ug/l	99
80) 1,3,5-Trimethylbenzene	11.81	105	430869	52.066 ug/l	100
81) trans-1,4-Dichloro-2-buten	11.86	75	29849m	52.310 ug/l	
82) 4-Chlorotoluene	11.89	91	352399	49.083 ug/l	99
83) tert-Butylbenzene	12.11	119	459129	53.603 ug/l	99
84) 1,2,4-Trimethylbenzene	12.19	105	415326	48.723 ug/l	97
85) sec-Butylbenzene	12.29	105	591106	50.818 ug/l	97
86) p-Isopropyltoluene	12.45	119	495263	51.868 ug/l	98
87) 1,3-Dichlorobenzene	12.46	146	208704	48.300 ug/l	97
88) 1,4-Dichlorobenzene	12.55	146	209588	51.215 ug/l	98
89) n-Butylbenzene	12.83	91	512276	52.021 ug/l	99
90) Hexachloroethane	12.90	117	126705	56.293 ug/l	96
91) 1,2-Dichlorobenzene	12.93	146	200984	49.611 ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.63	75	18188	56.133 ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.19	180	143592	50.597 ug/l	99
94) Hexachlorobutadiene	14.18	225	92966	52.791 ug/l	99
95) Naphthalene	14.44	128	272049	50.455 ug/l	97
96) 1,2,3-Trichlorobenzene	14.59	180	135868	51.718 ug/l	99

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

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