Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF120618\
Data File : VF060923.D
Acq On : 6 Dec 2018 18:06
Operator : VA/AP
Sample : J6248-07
Misc : 5.53g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : 4UST-BASE

Quant Time: Dec 07 00:20:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	1678	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	3036	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.78	117	1042	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.55	152	1368	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	504	25.50	ug/l	-0.06
Spiked Amount 50.000			Recovery = 51.00%			
35) Dibromofluoromethane	4.10	113	701	29.10	ug/l	-0.05
Spiked Amount 50.000			Recovery = 58.20%			
50) Toluene-d8	7.55	98	4231	59.63	ug/l	-0.04
Spiked Amount 50.000			Recovery = 119.26%			
62) 4-Bromofluorobenzene	11.38	95	13751	426.45	ug/l	-0.06
Spiked Amount 50.000			Recovery = 852.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.10	85	74	2.949	ug/l #	41
3) Chloromethane	1.05	50	221	13.536	ug/l #	41
4) Vinyl Chloride	1.21	62	65	4.268	ug/l #	42
5) Bromomethane	1.32	94	318	29.614	ug/l #	2
7) Trichlorofluoromethane	1.47	101	72	2.204	ug/l #	15
8) Diethyl Ether	1.57	74	73	15.537	ug/l	74
10) Methyl Iodide	1.86	142	61	2.429	ug/l #	26
11) Tert butyl alcohol	2.51	59	88	108.600	ug/l #	1
12) 1,1-Dichloroethene	1.87	96	82	6.172	ug/l #	1
13) Acrolein	2.06	56	538	700.753	ug/l	97
14) Allyl chloride	2.08	41	832	50.240	ug/l #	47
15) Acrylonitrile	2.95	53	331	182.203	ug/l #	11
16) Acetone	2.33	43	812	222.757	ug/l	97
17) Carbon Disulfide	1.76	76	62	1.740	ug/l #	68
18) Methyl Acetate	2.33	43	812	135.604	ug/l #	61
19) Methyl tert-butyl Ether	2.43	73	87	2.907	ug/l #	1
20) Methylene Chloride	2.24	84	76	5.683	ug/l #	1
21) trans-1,2-Dichloroethene	2.29	96	89	6.948	ug/l #	1
22) Diisopropyl ether	2.85	45	167	3.705	ug/l #	1
23) Vinyl Acetate	3.14	43	121	5.872	ug/l #	80
24) 1,1-Dichloroethane	2.87	63	153	5.705	ug/l #	86
25) 2-Butanone	4.34	43	392	62.173	ug/l #	57
26) 2,2-Dichloropropane	3.64	77	67	3.853	ug/l #	60
27) cis-1,2-Dichloroethene	3.42	96	91	4.364	ug/l	1
29) Tetrahydrofuran	4.09	42	218	81.569	ug/l #	61
31) Cyclohexane	3.66	56	82	2.946	ug/l #	15
32) 1,1,1-Trichloroethane	3.98	97	79	2.760	ug/l #	22
36) 1,1-Dichloropropene	4.13	75	92	2.732	ug/l #	44
37) Ethyl Acetate	4.07	43	281	20.534	ug/l #	14
39) Methylcyclohexane	5.43	83	1003	28.422	ug/l #	57
41) Methacrylonitrile	4.78	41	670	98.313	ug/l #	43
43) Isopropyl Acetate	7.02	43	3553	219.666	ug/l #	49
45) 1,2-Dichloropropane	6.12	63	170	8.799	ug/l #	46
48) Methyl methacrylate	6.80	41	8611	695.179	ug/l #	45

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
51) 4-Methyl-2-Pentanone	8.27	43	191744	15194.679 ug/l #	42
52) Toluene	7.57	92	69	1.320 ug/l	97
53) t-1,3-Dichloropropene	8.18	75	59	2.084 ug/l #	40
55) 1,1,2-Trichloroethane	8.38	97	13920	914.199 ug/l #	54
56) Ethyl methacrylate	8.62	69	298383	17640.519 ug/l #	75
57) 1,3-Dichloropropane	8.65	76	138	5.180 ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.29	63	60	34.680 ug/l #	46
59) 2-Hexanone	9.41	43	25677	2900.337 ug/l #	30
60) Dibromochloromethane	8.64	129	66	2.909 ug/l #	1
61) 1,2-Dibromoethane	8.95	107	70	4.256 ug/l #	1
64) Tetrachloroethene	8.17	164	73	9.172 ug/l #	34
65) Chlorobenzene	9.90	112	1404	69.262 ug/l #	42
67) Ethyl Benzene	9.89	91	5238	138.798 ug/l	97
68) m/p-Xylenes	10.13	106	29279	2157.157 ug/l	99
69) o-Xylene	10.71	106	13040	871.247 ug/l	71
70) Styrene	10.72	104	703	33.884 ug/l #	1
73) Isopropylbenzene	11.12	105	77851	720.129 ug/l	99
74) N-amyl acetate	11.39	43	43877	1757.649 ug/l #	26
75) 1,1,2,2-Tetrachloroethane	11.77	83	15405	865.837 ug/l #	63
76) 1,2,3-Trichloropropane	11.82	75	740	57.221 ug/l #	1
77) Bromobenzene	11.61	156	89	3.755 ug/l #	1
78) n-propylbenzene	11.60	91	172849	1365.303 ug/l	98
79) 2-Chlorotoluene	11.72	91	14979	206.346 ug/l #	51
80) 1,3,5-Trimethylbenzene	11.82	105	49900	568.578 ug/l	90
81) trans-1,4-Dichloro-2-buten	11.82	75	740	116.786 ug/l #	1
82) 4-Chlorotoluene	12.01	91	10544	138.022 ug/l	99
83) tert-Butylbenzene	12.13	119	18021	201.582 ug/l	84
84) 1,2,4-Trimethylbenzene	12.20	105	307487	3510.554 ug/l	94
85) sec-Butylbenzene	12.31	105	123003	1005.090 ug/l	88
86) p-Isopropyltoluene	12.46	119	69915	681.414 ug/l	93
89) n-Butylbenzene	12.84	91	58682	565.619 ug/l	98
90) Hexachloroethane	12.93	117	2731	110.536 ug/l #	25
91) 1,2-Dichlorobenzene	12.93	146	69	1.616 ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.58	75	70	20.350 ug/l #	1

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

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