Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF012519\
Data File : VF061516.D
Acq On : 25 Jan 2019 12:44
Operator : VA/AP
Sample : VF01251SBS01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF01251SBS01

Quant Time: Jan 28 00:07:06 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	4.87	168	3301	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.60	114	4441	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.77	117	3810	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	703	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	4.85	65	982	24.10	ug/l		0.01
Spiked Amount 50.000			Recovery = 48.20%				
35) Dibromofluoromethane	4.12	113	1323	37.75	ug/l		0.01
Spiked Amount 50.000			Recovery = 75.50%				
50) Toluene-d8	7.55	98	4510	46.97	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.94%				
62) 4-Bromofluorobenzene	11.42	95	1274	28.40	ug/l		0.01
Spiked Amount 50.000			Recovery = 56.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.96	85	2074	31.977	ug/l		76
3) Chloromethane	1.09	50	1943	40.856	ug/l	#	44
4) Vinyl Chloride	1.14	62	1571	37.135	ug/l		95
5) Bromomethane	1.32	94	903	32.733	ug/l	#	34
6) Chloroethane	1.38	64	370	19.738	ug/l	#	65
7) Trichlorofluoromethane	1.47	101	1397	16.986	ug/l		92
8) Diethyl Ether	1.61	74	99	9.395	ug/l		96
9) 1,1,2-Trichlorotrifluoroet	1.82	101	1244	31.480	ug/l		88
10) Methyl Iodide	1.91	142	995	16.241	ug/l	#	72
11) Tert butyl alcohol	2.49	59	61	35.361	ug/l	#	1
12) 1,1-Dichloroethene	1.77	96	1235	42.066	ug/l	#	52
13) Acrolein	1.88	56	244	167.758	ug/l		93
14) Allyl chloride	2.10	41	1538	49.497	ug/l	#	76
15) Acrylonitrile	2.93	53	313	70.833	ug/l	#	42
16) Acetone	2.34	43	1203	147.139	ug/l		99
17) Carbon Disulfide	1.80	76	2199	24.021	ug/l	#	12
18) Methyl Acetate	2.34	43	1203	74.194	ug/l	#	61
19) Methyl tert-butyl Ether	2.43	73	519	7.886	ug/l	#	1
20) Methylene Chloride	2.17	84	102	1.988	ug/l	#	53
21) trans-1,2-Dichloroethene	2.32	96	1007	31.175	ug/l	#	16
22) Diisopropyl ether	2.81	45	1318	12.615	ug/l	#	14
23) Vinyl Acetate	3.19	43	493	13.785	ug/l	#	78
24) 1,1-Dichloroethane	2.87	63	1323	20.176	ug/l	#	81
25) 2-Butanone	4.36	43	848	62.370	ug/l	#	57
26) 2,2-Dichloropropane	3.61	77	1226	30.431	ug/l	#	61
27) cis-1,2-Dichloroethene	3.48	96	775	16.253	ug/l		44
28) Bromochloromethane	3.73	49	235	7.973	ug/l	#	76
29) Tetrahydrofuran	4.07	42	218	37.237	ug/l	#	38
30) Chloroform	3.85	83	1277	14.430	ug/l		86
31) Cyclohexane	3.68	56	1158	17.679	ug/l	#	65
32) 1,1,1-Trichloroethane	4.08	97	649	10.002	ug/l	#	89
36) 1,1-Dichloropropene	4.27	75	1893	36.764	ug/l		92
37) Ethyl Acetate	4.08	43	366	17.782	ug/l	#	65
38) Carbon Tetrachloride	3.99	117	1501	33.344	ug/l	#	79

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Methylcyclohexane	5.45	83	1763	31.594 ug/l #	85
40) Benzene	4.63	78	2126	18.555 ug/l	99
41) Methacrylonitrile	4.74	41	67	6.118 ug/l #	20
42) 1,2-Dichloroethane	4.94	62	340	8.327 ug/l	76
43) Isopropyl Acetate	6.96	43	75	2.903 ug/l #	51
44) Trichloroethene	5.51	130	792	22.533 ug/l	98
45) 1,2-Dichloropropane	6.22	63	435	14.466 ug/l #	44
46) Dibromomethane	6.06	93	67	3.351 ug/l #	6
47) Bromodichloromethane	6.38	83	798	16.130 ug/l #	24
48) Methyl methacrylate	6.71	41	194	11.184 ug/l #	16
51) 4-Methyl-2-Pentanone	8.21	43	190	10.005 ug/l #	39
52) Toluene	7.63	92	1726	22.875 ug/l	76
53) t-1,3-Dichloropropene	8.28	75	178	4.531 ug/l #	44
54) cis-1,3-Dichloropropene	7.29	75	575	11.710 ug/l #	78
57) 1,3-Dichloropropane	8.85	76	360	8.964 ug/l #	43
58) 2-Chloroethyl Vinyl ether	7.31	63	66	49.987 ug/l #	47
59) 2-Hexanone	9.46	43	285	21.521 ug/l #	26
60) Dibromochloromethane	8.71	129	165	5.267 ug/l	95
61) 1,2-Dibromoethane	9.00	107	137	5.585 ug/l #	5
64) Tetrachloroethene	8.14	164	716	24.990 ug/l	89
65) Chlorobenzene	9.79	112	1320	17.037 ug/l #	87
66) 1,1,1,2-Tetrachloroethane	9.94	131	309	10.011 ug/l	93
67) Ethyl Benzene	9.90	91	2857	20.183 ug/l #	76
68) m/p-Xylenes	10.13	106	1583	31.092 ug/l	91
69) o-Xylene	10.72	106	616	11.163 ug/l	79
70) Styrene	10.79	104	592	7.838 ug/l	93
71) Bromoform	10.79	173	82	5.913 ug/l #	29
73) Isopropylbenzene	11.12	105	2840	49.671 ug/l	88
74) N-amyl acetate	11.34	43	239	17.677 ug/l #	47
76) 1,2,3-Trichloropropane	11.80	75	60	8.198 ug/l #	42
77) Bromobenzene	11.49	156	78	6.460 ug/l #	1
78) n-propylbenzene	11.60	91	3190	45.280 ug/l	89
79) 2-Chlorotoluene	11.71	91	1495	37.685 ug/l #	70
80) 1,3,5-Trimethylbenzene	11.82	105	1294	28.044 ug/l #	52
81) trans-1,4-Dichloro-2-buten	11.85	75	76	23.887 ug/l #	19
82) 4-Chlorotoluene	11.90	91	1454	36.321 ug/l	88
83) tert-Butylbenzene	12.13	119	2040	42.715 ug/l	94
84) 1,2,4-Trimethylbenzene	12.21	105	891	18.747 ug/l	93
85) sec-Butylbenzene	12.31	105	3052	47.058 ug/l	98
86) p-Isopropyltoluene	12.46	119	1129	21.206 ug/l	87
87) 1,3-Dichlorobenzene	12.47	146	632	25.084 ug/l	96
88) 1,4-Dichlorobenzene	12.57	146	381	16.697 ug/l	90
89) n-Butylbenzene	12.85	91	698	12.712 ug/l	78
90) Hexachloroethane	12.92	117	461	36.733 ug/l #	22
91) 1,2-Dichlorobenzene	12.95	146	375	16.601 ug/l #	55
92) 1,2-Dibromo-3-Chloropropan	13.69	75	61	33.764 ug/l #	1
93) 1,2,4-Trichlorobenzene	14.20	180	75	4.740 ug/l #	11
94) Hexachlorobutadiene	14.19	225	295	30.044 ug/l #	50
95) Naphthalene	14.47	128	66	2.195 ug/l #	71

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

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