Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF030419\
Data File : VF061836.D
Acq On : 4 Mar 2019 23:42
Operator : VA/AP
Sample : K1707-05
Misc : 6.48g/5mL/MSVOA-F/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : S12

Quant Time: Mar 05 05:04:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:04:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	2783	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.60	114	2674	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	85	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	183	8.97	ug/l	-0.04
Spiked Amount 50.000			Recovery = 17.94%			
35) Dibromofluoromethane	4.10	113	547	27.55	ug/l	-0.02
Spiked Amount 50.000			Recovery = 55.10%			
50) Toluene-d8	7.55	98	1671	29.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 58.54%			
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
3) Chloromethane	1.09	50	63	1.879	ug/l #	42
4) Vinyl Chloride	1.08	62	69	2.213	ug/l #	40
5) Bromomethane	1.32	94	555	25.869	ug/l #	26
6) Chloroethane	1.39	64	87	5.663	ug/l #	40
8) Diethyl Ether	1.56	74	78	8.232	ug/l #	12
10) Methyl Iodide	1.85	142	76	1.467	ug/l #	39
11) Tert butyl alcohol	2.56	59	68	57.574	ug/l #	1
12) 1,1-Dichloroethene	1.79	96	147	6.164	ug/l #	1
13) Acrolein	1.98	56	514	346.262	ug/l	83
14) Allyl chloride	2.08	41	787	26.894	ug/l #	59
15) Acrylonitrile	2.94	53	93	22.199	ug/l #	44
16) Acetone	2.24	43	673	153.699	ug/l #	46
17) Carbon Disulfide	1.78	76	92	1.227	ug/l #	1
18) Methyl Acetate	2.37	43	929	94.180	ug/l #	59
19) Methyl tert-butyl Ether	2.43	73	94	2.306	ug/l #	1
20) Methylene Chloride	2.16	84	99	3.743	ug/l #	1
21) trans-1,2-Dichloroethene	2.26	96	437	16.857	ug/l #	1
22) Diisopropyl ether	2.79	45	466	6.634	ug/l #	1
23) Vinyl Acetate	3.20	43	456	13.291	ug/l #	74
24) 1,1-Dichloroethane	2.86	63	219	5.152	ug/l #	86
25) 2-Butanone	4.34	43	283	29.589	ug/l #	55
26) 2,2-Dichloropropane	3.65	77	90	4.998	ug/l #	52
27) cis-1,2-Dichloroethene	3.49	96	70	2.057	ug/l	1
29) Tetrahydrofuran	4.09	42	148	34.046	ug/l #	33
30) Chloroform	3.70	83	66	1.365	ug/l #	18
31) Cyclohexane	3.67	56	67	1.456	ug/l #	16
37) Ethyl Acetate	4.08	43	386	31.373	ug/l #	30
39) Methylcyclohexane	5.40	83	75	2.394	ug/l #	15
41) Methacrylonitrile	4.75	41	192	30.515	ug/l #	37
43) Isopropyl Acetate	6.94	43	72	4.944	ug/l #	43
45) 1,2-Dichloropropane	6.11	63	65	3.881	ug/l #	44
48) Methyl methacrylate	6.68	41	76	8.672	ug/l #	17
51) 4-Methyl-2-Pentanone	8.25	43	210	20.180	ug/l #	34
53) t-1,3-Dichloropropene	8.19	75	60	3.193	ug/l #	42

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
55) 1,1,2-Trichloroethane	8.63	97	69	5.589 ug/l #	16
58) 2-Chloroethyl Vinyl ether	7.18	63	62	26.142 ug/l #	44
59) 2-Hexanone	9.51	43	205	28.104 ug/l #	23
74) N-amyl acetate	11.41	43	133	91.561 ug/l #	44
78) n-propylbenzene	11.47	91	61	8.784 ug/l #	51
82) 4-Chlorotoluene	11.98	91	59	14.615 ug/l #	37
83) tert-Butylbenzene	12.18	119	80	14.933 ug/l #	33
88) 1,4-Dichlorobenzene	12.65	146	62	22.118 ug/l #	25
89) n-Butylbenzene	12.91	91	71	12.932 ug/l #	28
95) Naphthalene	14.38	128	63	18.120 ug/l #	69

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

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