

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021119\
 Data File : VF061601.D
 Acq On : 11 Feb 2019 22:27
 Operator : VA/AP
 Sample : K1458-11RE
 Misc : 5.04g/5mL/MSVOA-F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-7RE

Quant Time: Feb 12 03:29:53 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	4.86	168	2843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.58	114	3723	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	1802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	152	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	1100	31.34	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	62.68%	
35) Dibromofluoromethane	4.10	113	1438	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
50) Toluene-d8	7.53	98	3382	42.02	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	84.04%	
62) 4-Bromofluorobenzene	11.40	95	699	18.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.11	50	172	4.199	ug/l #	44
4) Vinyl Chloride	1.16	62	144	3.952	ug/l #	43
5) Bromomethane	1.32	94	222	9.344	ug/l #	2
6) Chloroethane	1.35	64	69	4.274	ug/l #	41
8) Diethyl Ether	1.77	74	67	7.382	ug/l	70
10) Methyl Iodide	1.77	142	83	1.573	ug/l #	27
11) Tert butyl alcohol	2.50	59	72	48.461	ug/l #	64
12) 1,1-Dichloroethene	1.76	96	69	2.729	ug/l #	1
13) Acrolein	2.09	56	324	253.047	ug/l	84
14) Allyl chloride	2.06	41	1173	43.994	ug/l #	60
15) Acrylonitrile	2.94	53	69	18.131	ug/l #	14
16) Acetone	2.20	43	370	52.545	ug/l #	46
18) Methyl Acetate	2.41	43	620	44.398	ug/l	98
19) Methyl tert-butyl Ether	2.39	73	97	1.711	ug/l #	1
20) Methylene Chloride	2.15	84	98	2.428	ug/l #	10
21) trans-1,2-Dichloroethene	2.34	96	87	3.127	ug/l #	1
22) Diisopropyl ether	2.78	45	340	3.779	ug/l #	29
23) Vinyl Acetate	3.15	43	156	7.085	ug/l #	78
24) 1,1-Dichloroethane	2.83	63	63	1.116	ug/l #	85
25) 2-Butanone	4.35	43	119	10.162	ug/l #	57
26) 2,2-Dichloropropane	3.61	77	60	1.729	ug/l #	61
29) Tetrahydrofuran	4.07	42	179	35.501	ug/l #	38
31) Cyclohexane	3.52	56	73	1.294	ug/l #	13
36) 1,1-Dichloropropene	4.25	75	62	1.436	ug/l #	44
37) Ethyl Acetate	4.07	43	69	3.999	ug/l #	5
39) Methylcyclohexane	5.43	83	565	12.078	ug/l #	15
41) Methacrylonitrile	4.66	41	72	7.842	ug/l #	7
43) Isopropyl Acetate	6.89	43	170	7.850	ug/l #	51
44) Trichloroethene	5.36	130	65	2.206	ug/l	1
48) Methyl methacrylate	6.70	41	62	4.263	ug/l #	19
49) 1,4-Dioxane	6.59	88	60	560.571	ug/l #	1
51) 4-Methyl-2-Pentanone	8.24	43	319	20.037	ug/l #	39
56) Ethyl methacrylate	8.60	69	1432	68.524	ug/l #	69
57) 1,3-Dichloropropane	8.87	76	60	1.782	ug/l #	43

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58) 2-Chloroethyl Vinyl ether	7.31	63	85	62.036	ug/l #	47
59) 2-Hexanone	9.46	43	267	24.050	ug/l #	26
74) N-amyl acetate	11.34	43	76	25.998	ug/l #	24
75) 1,1,2,2-Tetrachloroethane	11.67	83	253	114.878	ug/l #	24
78) n-propylbenzene	11.57	91	90	5.567	ug/l #	54
79) 2-Chlorotoluene	11.72	91	69	8.044	ug/l #	45
80) 1,3,5-Trimethylbenzene	11.69	105	321	32.175	ug/l #	28
82) 4-Chlorotoluene	11.89	91	63	7.279	ug/l #	43
84) 1,2,4-Trimethylbenzene	12.19	105	70	6.812	ug/l #	1
85) sec-Butylbenzene	12.31	105	62	4.421	ug/l #	56
89) n-Butylbenzene	12.86	91	68	5.728	ug/l #	27

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

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