

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF120718\
 Data File : VF060940.D
 Acq On : 7 Dec 2018 20:32
 Operator : VA/AP
 Sample : J6214-25RE
 Misc : 4.92g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-3(12.5-14.5)RE

Quant Time: Dec 08 01:57:56 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	4.84	168	3571	50.00	ug/l	-0.07
34) 1,4-Difluorobenzene	5.58	114	5409	50.00	ug/l	-0.06
63) Chlorobenzene-d5	9.76	117	2827	50.00	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	12.54	152	452	50.00	ug/l	-0.03

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.82	65	790	18.78	ug/l	-0.06
Spiked Amount	50.000		Recovery	=	37.56%	
35) Dibromofluoromethane	4.08	113	1373	32.00	ug/l	-0.07
Spiked Amount	50.000		Recovery	=	64.00%	
50) Toluene-d8	7.52	98	4555	36.04	ug/l	-0.07
Spiked Amount	50.000		Recovery	=	72.08%	
62) 4-Bromofluorobenzene	11.32	95	91	1.58	ug/l	-0.12
Spiked Amount	50.000		Recovery	=	3.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.95	85	69	1.292	ug/l #	41
3) Chloromethane	1.10	50	386	11.110	ug/l #	41
4) Vinyl Chloride	1.19	62	72	2.222	ug/l #	42
5) Bromomethane	1.33	94	391	17.110	ug/l #	40
6) Chloroethane	1.37	64	126	8.994	ug/l #	1
8) Diethyl Ether	1.54	74	66	6.601	ug/l	71
11) Tert butyl alcohol	2.57	59	71	41.172	ug/l #	1
12) 1,1-Dichloroethene	1.73	96	68	2.405	ug/l #	1
13) Acrolein	2.06	56	240	146.891	ug/l	87
14) Allyl chloride	2.06	41	913	25.906	ug/l #	35
15) Acrylonitrile	2.90	53	426	110.189	ug/l #	11
16) Acetone	2.21	43	703	90.622	ug/l #	65
17) Carbon Disulfide	1.75	76	233	3.073	ug/l #	68
18) Methyl Acetate	2.33	43	554	42.314	ug/l #	61
19) Methyl tert-butyl Ether	2.39	73	98	1.539	ug/l #	58
20) Methylene Chloride	2.24	84	120	4.217	ug/l #	2
21) trans-1,2-Dichloroethene	2.34	96	180	6.603	ug/l #	1
22) Diisopropyl ether	2.76	45	391	4.076	ug/l #	1
23) Vinyl Acetate	3.14	43	506	11.539	ug/l #	80
24) 1,1-Dichloroethane	2.84	63	74	1.297	ug/l #	86
25) 2-Butanone	4.27	43	484	36.072	ug/l #	57
26) 2,2-Dichloropropane	3.61	77	78	2.108	ug/l #	60
27) cis-1,2-Dichloroethene	3.43	96	67	1.510	ug/l	1
29) Tetrahydrofuran	4.03	42	75	13.187	ug/l #	37
31) Cyclohexane	3.72	56	152	2.566	ug/l #	15
37) Ethyl Acetate	4.15	43	1156	47.415	ug/l #	14
40) Benzene	4.62	78	1853	13.981	ug/l #	80
41) Methacrylonitrile	4.72	41	279	19.756	ug/l #	23
43) Isopropyl Acetate	6.93	43	141	2.081	ug/l #	49
47) Bromodichloromethane	6.32	83	64	1.032	ug/l #	25
48) Methyl methacrylate	6.70	41	249	11.283	ug/l #	53
49) 1,4-Dioxane	6.95	88	75	464.362	ug/l #	1
51) 4-Methyl-2-Pentanone	8.20	43	758	33.715	ug/l #	38
52) Toluene	7.59	92	212	2.277	ug/l	76

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53) t-1,3-Dichloropropene	8.06	75	63	1.249	ug/l #	40
56) Ethyl methacrylate	8.65	69	87	2.887	ug/l #	69
59) 2-Hexanone	9.45	43	436	27.642	ug/l #	27
70) Styrene	10.78	104	386	6.857	ug/l #	61
74) N-amyl acetate	11.37	43	262	31.765	ug/l #	19
75) 1,1,2,2-Tetrachloroethane	11.60	83	62	10.547	ug/l #	25
76) 1,2,3-Trichloropropane	11.70	75	99	23.169	ug/l #	38
78) n-propylbenzene	11.45	91	64	1.530	ug/l #	56
89) n-Butylbenzene	12.70	91	66	1.925	ug/l #	27

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

