

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110718\
 Data File : VF060639.D
 Acq On : 7 Nov 2018 20:16
 Operator : VA/AP
 Sample : J5827-31RE
 Misc : 3.88g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-DRE

Quant Time: Nov 08 08:09:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	86	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.77	117	65	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.55

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.79	65	67	13.51	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	27.02%	
35) Dibromofluoromethane	4.10	113	91	136.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	273.92%	
50) Toluene-d8	7.63	98	61	30.99	ug/l	0.07
Spiked Amount	50.000		Recovery	=	61.98%	
62) 4-Bromofluorobenzene	11.57	95	78	90.60	ug/l	0.15
Spiked Amount	50.000		Recovery	=	181.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.99	85	149	27.218	ug/l #	41
3) Chloromethane	1.12	50	343	79.819	ug/l #	76
4) Vinyl Chloride	1.01	62	163	41.164	ug/l #	48
5) Bromomethane	1.29	94	295	132.723	ug/l #	1
6) Chloroethane	1.35	64	61	41.977	ug/l #	1
8) Diethyl Ether	1.61	74	69	50.233	ug/l	98
11) Tert butyl alcohol	2.61	59	65	250.191	ug/l #	52
12) 1,1-Dichloroethene	1.79	96	60	16.821	ug/l #	1
13) Acrolein	2.01	56	272	1893.184	ug/l #	1
14) Allyl chloride	2.10	41	111	19.058	ug/l #	55
15) Acrylonitrile	2.89	53	131	221.569	ug/l #	15
16) Acetone	2.26	43	208	177.932	ug/l #	59
17) Carbon Disulfide	1.72	76	64	6.370	ug/l #	1
18) Methyl Acetate	2.41	43	456	249.199	ug/l #	64
19) Methyl tert-butyl Ether	2.45	73	86	10.314	ug/l #	1
20) Methylene Chloride	2.24	84	60	13.300	ug/l #	3
21) trans-1,2-Dichloroethene	2.28	96	66	17.637	ug/l #	1
22) Diisopropyl ether	2.78	45	333	26.985	ug/l #	54
23) Vinyl Acetate	3.18	43	410	55.299	ug/l #	53
25) 2-Butanone	4.34	43	898	431.740	ug/l #	56
26) 2,2-Dichloropropane	3.64	77	172	32.187	ug/l #	1
27) cis-1,2-Dichloroethene	3.42	96	91	12.738	ug/l	1
28) Bromochloromethane	3.65	49	63	14.057	ug/l #	13
29) Tetrahydrofuran	4.37	42	184	211.009	ug/l	92
30) Chloroform	3.83	83	63	5.576	ug/l #	16
31) Cyclohexane	3.70	56	389	39.471	ug/l #	11
32) 1,1,1-Trichloroethane	4.08	97	140	17.741	ug/l #	21
37) Ethyl Acetate	4.11	43	407	895.381	ug/l #	17
39) Methylcyclohexane	5.47	83	76	65.769	ug/l #	6
40) Benzene	4.62	78	65	28.279	ug/l #	51
41) Methacrylonitrile	4.78	41	341	1324.687	ug/l #	66
42) 1,2-Dichloroethane	4.97	62	74	112.173	ug/l	71
43) Isopropyl Acetate	6.92	43	1391	2419.233	ug/l #	45
45) 1,2-Dichloropropane	6.40	63	66	112.273	ug/l #	43

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46) Dibromomethane	6.14	93	63	168.929	ug/l #	3
47) Bromodichloromethane	6.47	83	76	84.488	ug/l #	25
48) Methyl methacrylate	6.74	41	349	965.782	ug/l #	39
49) 1,4-Dioxane	6.94	88	68	17988.374	ug/l #	1
51) 4-Methyl-2-Pentanone	8.25	43	1717	4440.692	ug/l #	37
54) cis-1,3-Dichloropropene	7.30	75	70	70.865	ug/l #	1
55) 1,1,2-Trichloroethane	8.52	97	64	146.890	ug/l #	19
56) Ethyl methacrylate	8.65	69	246	438.837	ug/l #	2
57) 1,3-Dichloropropane	8.82	76	62	81.099	ug/l #	44
59) 2-Hexanone	9.51	43	462	1981.903	ug/l #	26
61) 1,2-Dibromoethane	8.85	107	62	135.316	ug/l #	1
67) Ethyl Benzene	9.85	91	61	25.288	ug/l #	44
68) m/p-Xylenes	10.29	106	63	69.335	ug/l #	1
69) o-Xylene	10.71	106	68	68.537	ug/l #	27
70) Styrene	10.86	104	63	43.829	ug/l #	33

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

