

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110918\
 Data File : VF060679.D
 Acq On : 9 Nov 2018 18:38
 Operator : VA/AP
 Sample : J5269-17RE
 Misc : 6.14g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-13-DRE

Quant Time: Nov 12 04:14:10 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	1533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.03	114	75	50.00	ug/l	0.43
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.78
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.55

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.87	65	80	5.16	ug/l	0.02
Spiked Amount	50.000		Recovery	=	10.32%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	12.26	95	66	87.90	ug/l	0.84
Spiked Amount	50.000		Recovery	=	175.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.92	85	120	3.790	ug/l #	41
3) Chloromethane	1.12	50	157	11.702	ug/l #	45
4) Vinyl Chloride	1.27	62	77	6.228	ug/l #	48
5) Bromomethane	1.30	94	254	36.601	ug/l #	1
6) Chloroethane	1.49	64	69	12.209	ug/l #	40
8) Diethyl Ether	1.62	74	62	14.457	ug/l #	1
10) Methyl Iodide	1.92	142	70	3.217	ug/l #	30
12) 1,1-Dichloroethene	1.79	96	63	5.657	ug/l #	1
13) Acrolein	2.14	56	289	618.561	ug/l	87
14) Allyl chloride	2.12	41	511	28.101	ug/l #	35
15) Acrylonitrile	2.95	53	70	37.921	ug/l #	15
16) Acetone	2.23	43	758	207.682	ug/l #	59
17) Carbon Disulfide	1.83	76	59	1.881	ug/l #	68
18) Methyl Acetate	2.34	43	610	107.044	ug/l #	64
19) Methyl tert-butyl Ether	2.44	73	62	2.382	ug/l #	58
20) Methylene Chloride	2.21	84	73	1.438	ug/l #	3
21) trans-1,2-Dichloroethene	2.36	96	72	6.162	ug/l #	1
22) Diisopropyl ether	2.79	45	217	5.632	ug/l #	34
23) Vinyl Acetate	3.17	43	797	34.429	ug/l #	75
24) 1,1-Dichloroethane	2.86	63	60	2.691	ug/l #	89
25) 2-Butanone	4.31	43	160	Below Cal	#	56
26) 2,2-Dichloropropane	3.58	77	73	4.375	ug/l #	57
27) cis-1,2-Dichloroethene	3.53	96	106	4.752	ug/l	1
29) Tetrahydrofuran	4.07	42	396	141.855	ug/l #	49
30) Chloroform	3.99	83	65	1.843	ug/l #	16
31) Cyclohexane	3.66	56	182	5.915	ug/l #	17
36) 1,1-Dichloropropene	4.70	75	74	89.610	ug/l #	43
37) Ethyl Acetate	4.38	43	405	1021.658	ug/l #	17
38) Carbon Tetrachloride	4.40	117	69	97.783	ug/l #	11
39) Methylcyclohexane	5.91	83	80	79.384	ug/l #	44
40) Benzene	4.96	78	69	34.422	ug/l #	51
41) Methacrylonitrile	5.14	41	1121	4993.463	ug/l #	26
43) Isopropyl Acetate	7.52	43	446	889.452	ug/l #	45
45) 1,2-Dichloropropane	6.85	63	80	156.048	ug/l #	43

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Bromodichloromethane	6.88	83	76	96.880	ug/l #	24
48) Methyl methacrylate	7.25	41	804	2551.213	ug/l #	42
49) 1,4-Dioxane	6.83	88	143	43376.670	ug/l #	47
51) 4-Methyl-2-Pentanone	8.88	43	907	2689.830	ug/l #	37
54) cis-1,3-Dichloropropene	7.69	75	140	162.517	ug/l #	67
55) 1,1,2-Trichloroethane	9.11	97	89	234.228	ug/l #	14
56) Ethyl methacrylate	9.26	69	111	227.054	ug/l #	2
57) 1,3-Dichloropropane	9.53	76	63	94.493	ug/l #	44
59) 2-Hexanone	10.26	43	621	3070.144	ug/l #	26

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

