

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110818\
 Data File : VF060651.D
 Acq On : 8 Nov 2018 15:54
 Operator : VA/AP
 Sample : J5768-01RE
 Misc : 7.25g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OK-02-110718-ARE

Quant Time: Nov 09 12:33:02 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	2308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	2495	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	390	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.55

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.82	65	442	18.95	ug/l	-0.03
Spiked Amount						
			Recovery	=		37.90%
35) Dibromofluoromethane	4.11	113	471	24.43	ug/l	0.00
Spiked Amount						
			Recovery	=		48.86%
50) Toluene-d8	7.55	98	1274	22.31	ug/l	0.00
Spiked Amount						
			Recovery	=		44.62%
62) 4-Bromofluorobenzene	11.42	95	92	3.68	ug/l	0.00
Spiked Amount						
			Recovery	=		7.36%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.97	85	215	5.338	ug/l #	41
3) Chloromethane	1.08	50	292	14.456	ug/l #	45
4) Vinyl Chloride	0.97	62	78	4.191	ug/l #	48
5) Bromomethane	1.38	94	158	15.123	ug/l #	1
6) Chloroethane	1.36	64	116	14.182	ug/l #	40
8) Diethyl Ether	1.66	74	66	10.222	ug/l	54
9) 1,1,2-Trichlorotrifluoroet	1.96	101	78	3.918	ug/l #	23
11) Tert butyl alcohol	2.50	59	62	45.217	ug/l #	1
12) 1,1-Dichloroethene	1.68	96	81	4.831	ug/l #	1
13) Acrolein	1.95	56	241	325.238	ug/l	86
14) Allyl chloride	2.08	41	178	6.502	ug/l #	40
15) Acrylonitrile	2.98	53	63	22.669	ug/l #	15
16) Acetone	2.24	43	547	99.546	ug/l #	59
17) Carbon Disulfide	1.80	76	69	1.461	ug/l #	1
18) Methyl Acetate	2.31	43	835	97.369	ug/l #	64
19) Methyl tert-butyl Ether	2.43	73	104	2.653	ug/l #	1
20) Methylene Chloride	2.22	84	83	Below Cal	#	7
21) trans-1,2-Dichloroethene	2.40	96	73	4.150	ug/l #	1
22) Diisopropyl ether	2.79	45	126	2.172	ug/l #	42
23) Vinyl Acetate	3.18	43	690	19.798	ug/l #	75
24) 1,1-Dichloroethane	2.88	63	196	5.839	ug/l #	89
25) 2-Butanone	4.32	43	402	7.842	ug/l #	56
26) 2,2-Dichloropropane	3.56	77	287	11.426	ug/l #	57
27) cis-1,2-Dichloroethene	3.46	96	69	2.055	ug/l	1
28) Bromochloromethane	3.56	49	66	3.133	ug/l #	13
29) Tetrahydrofuran	4.11	42	272	58.423	ug/l #	58
30) Chloroform	3.86	83	73	1.374	ug/l #	16
31) Cyclohexane	3.69	56	315	6.800	ug/l #	17
32) 1,1,1-Trichloroethane	4.08	97	65	1.752	ug/l #	21
37) Ethyl Acetate	4.13	43	578	43.830	ug/l #	17
39) Methylcyclohexane	5.54	83	65	1.939	ug/l #	1
41) Methacrylonitrile	4.69	41	383	51.284	ug/l #	26
43) Isopropyl Acetate	6.93	43	763	45.741	ug/l #	45
47) Bromodichloromethane	6.38	83	67	2.567	ug/l #	25

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

48) Methyl methacrylate	6.75	41	326	31.096	ug/l #	17
51) 4-Methyl-2-Pentanone	8.25	43	682	60.798	ug/l #	37
52) Toluene	7.72	92	60	1.381	ug/l #	1
53) t-1,3-Dichloropropene	8.37	75	83	3.659	ug/l #	8
54) cis-1,3-Dichloropropene	7.30	75	66	2.303	ug/l #	1
55) 1,1,2-Trichloroethane	8.54	97	67	5.300	ug/l #	14
56) Ethyl methacrylate	8.62	69	95	5.841	ug/l #	14
57) 1,3-Dichloropropane	8.83	76	69	3.111	ug/l #	44
58) 2-Chloroethyl Vinyl ether	7.52	63	66	46.457	ug/l	100
59) 2-Hexanone	9.49	43	168	Below Cal	#	26
65) Chlorobenzene	9.64	112	67	8.401	ug/l #	41
67) Ethyl Benzene	9.99	91	79	5.458	ug/l #	44
70) Styrene	10.72	104	66	7.653	ug/l #	33

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

