

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
 Data File : VF060757.D
 Acq On : 15 Nov 2018 20:11
 Operator : VA/AP
 Sample : J5911-04
 Misc : 5.09g/5mL/MSVOA-F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FDSB-08(20-22)

Quant Time: Nov 16 04:39:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	2144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	2283	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.80	117	1219	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	66	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.74	65	60	2.45	ug/l	-0.12
Spiked Amount	50.000		Recovery	=	4.90%	
35) Dibromofluoromethane	4.13	113	201	11.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	23.42%	
50) Toluene-d8	7.55	98	1661	36.74	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	73.48%	
62) 4-Bromofluorobenzene	11.34	95	389	16.44	ug/l	-0.08
Spiked Amount	50.000		Recovery	=	32.88%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.99	85	153	3.99	ug/l #	42
3) Chloromethane	1.06	50	70	2.94	ug/l #	44
4) Vinyl Chloride	1.06	62	60	2.82	ug/l #	42
13) Acrolein	2.01	56	73	71.74	ug/l #	82
14) Allyl chloride	2.12	41	181	5.91	ug/l #	1
16) Acetone	2.24	43	453	86.66	ug/l #	65
18) Methyl Acetate	2.32	43	249	29.01	ug/l #	64
21) trans-1,2-Dichloroethene	2.38	96	81	4.43	ug/l #	1
23) Vinyl Acetate	3.23	43	85	3.05	ug/l #	77
24) 1,1-Dichloroethane	2.89	63	74	2.07	ug/l #	88
25) 2-Butanone	4.35	43	659	76.65	ug/l #	56
26) 2,2-Dichloropropane	3.59	77	82	2.91	ug/l #	60
28) Bromochloromethane	3.64	49	61	3.28	ug/l #	12
29) Tetrahydrofuran	4.13	42	75	21.15	ug/l #	14
30) Chloroform	3.85	83	240	4.18	ug/l #	16
31) Cyclohexane	3.70	56	64	1.47	ug/l #	16
32) 1,1,1-Trichloroethane	3.94	97	69	1.52	ug/l #	22
37) Ethyl Acetate	4.15	43	665	67.56	ug/l #	1
38) Carbon Tetrachloride	4.14	117	61	2.37	ug/l #	10
39) Methylcyclohexane	5.46	83	236	7.68	ug/l #	65
40) Benzene	4.72	78	63	1.07	ug/l #	52
41) Methacrylonitrile	4.74	41	296	57.01	ug/l #	26
43) Isopropyl Acetate	6.95	43	133	10.19	ug/l #	48
47) Bromodichloromethane	6.41	83	63	2.43	ug/l #	24
48) Methyl methacrylate	6.73	41	1100	127.35	ug/l #	50
51) 4-Methyl-2-Pentanone	8.27	43	1052	111.45	ug/l #	38
53) t-1,3-Dichloropropene	8.18	75	63	3.04	ug/l #	44
55) 1,1,2-Trichloroethane	8.35	97	198	17.52	ug/l #	14
56) Ethyl methacrylate	8.63	69	792	61.71	ug/l #	69
58) 2-Chloroethyl Vinyl ether	7.44	63	72	61.41	ug/l	100
59) 2-Hexanone	9.51	43	634	95.57	ug/l #	28
69) o-Xylene	10.77	106	66	3.54	ug/l #	1
73) Isopropylbenzene	11.13	105	571	107.48	ug/l #	48
74) N-amyl acetate	11.37	43	270	223.25	ug/l #	57

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75) 1,1,2,2-Tetrachloroethane	11.70	83	856	974.59	ug/l #	25
78) n-propylbenzene	11.61	91	1241	200.29	ug/l #	53
79) 2-Chlorotoluene	11.73	91	166	46.10	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.82	105	75	17.78	ug/l #	27
82) 4-Chlorotoluene	11.89	91	70	18.97	ug/l #	43
83) tert-Butylbenzene	12.16	119	133	29.70	ug/l #	53
84) 1,2,4-Trimethylbenzene	12.23	105	75	17.19	ug/l #	27
85) sec-Butylbenzene	12.31	105	342	56.30	ug/l #	56
86) p-Isopropyltoluene	12.46	119	256	50.46	ug/l #	29
89) n-Butylbenzene	12.83	91	279	53.88	ug/l #	26
90) Hexachloroethane	12.95	117	64	51.57	ug/l #	21
91) 1,2-Dichlorobenzene	13.08	146	61	29.44	ug/l #	23
92) 1,2-Dibromo-3-Chloropropan	13.76	75	76	460.37	ug/l #	1
95) Naphthalene	14.43	128	79	29.07	ug/l #	2

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

