

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
 Data File : VF060747.D
 Acq On : 15 Nov 2018 15:24
 Operator : VA/AP
 Sample : J5930-01RE
 Misc : 6.08g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 32727-45914-21716RE

Quant Time: Nov 16 04:36:33 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	4.87	168	257	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.60	114	463	50.00	ug/l	-0.02
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.79
72) 1,4-Dichlorobenzene-d4	12.58	152	213	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	62	21.15	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	42.30%	
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	11.41	95	276	68.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.97	85	62	13.48	ug/l #	42
3) Chloromethane	1.11	50	72	25.24	ug/l #	44
5) Bromomethane	1.33	94	112	69.10	ug/l #	5
8) Diethyl Ether	1.50	74	63	87.14	ug/l	74
12) 1,1-Dichloroethene	1.79	96	67	31.95	ug/l #	1
13) Acrolein	2.01	56	72	590.25	ug/l #	14
14) Allyl chloride	2.08	41	23	6.26	ug/l #	56
15) Acrylonitrile	2.90	53	65	228.65	ug/l #	15
16) Acetone	2.23	43	744	1187.43	ug/l #	65
17) Carbon Disulfide	1.86	76	68	10.73	ug/l #	67
18) Methyl Acetate	2.34	43	562	546.25	ug/l #	64
19) Methyl tert-butyl Ether	2.37	73	62	12.33	ug/l #	1
20) Methylene Chloride	2.12	84	121	58.60	ug/l #	1
22) Diisopropyl ether	2.83	45	99	13.96	ug/l #	43
23) Vinyl Acetate	3.20	43	444	132.96	ug/l #	77
25) 2-Butanone	4.32	43	185	179.51	ug/l #	56
26) 2,2-Dichloropropane	3.64	77	206	60.97	ug/l #	60
27) cis-1,2-Dichloroethene	3.42	96	67	17.98	ug/l	1
29) Tetrahydrofuran	4.06	42	74	174.08	ug/l #	36
30) Chloroform	3.90	83	69	10.02	ug/l #	16
31) Cyclohexane	3.74	56	248	47.59	ug/l #	16
32) 1,1,1-Trichloroethane	4.18	97	69	12.72	ug/l #	22
37) Ethyl Acetate	4.08	43	473	236.93	ug/l #	1
39) Methylcyclohexane	5.43	83	133	21.35	ug/l #	62
40) Benzene	4.62	78	321	26.82	ug/l #	38
41) Methacrylonitrile	4.76	41	389	395.39	ug/l #	55
43) Isopropyl Acetate	6.95	43	130	49.11	ug/l #	48
47) Bromodichloromethane	6.45	83	74	14.09	ug/l #	24
48) Methyl methacrylate	6.69	41	672	383.61	ug/l #	17
51) 4-Methyl-2-Pentanone	8.26	43	603	314.99	ug/l #	38
54) cis-1,3-Dichloropropene	7.12	75	69	12.63	ug/l #	1
55) 1,1,2-Trichloroethane	8.57	97	69	30.11	ug/l #	14
56) Ethyl methacrylate	8.61	69	444	170.58	ug/l #	1
59) 2-Hexanone	9.46	43	555	412.53	ug/l #	28

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

61) 1,2-Dibromoethane	8.91	107	72	29.87	ug/l #	2
73) Isopropylbenzene	11.13	105	165	9.62	ug/l #	2
74) N-amyl acetate	11.36	43	336	86.09	ug/l #	32
75) 1,1,2,2-Tetrachloroethane	11.72	83	259	91.37	ug/l #	25
76) 1,2,3-Trichloropropane	11.67	75	72	34.20	ug/l #	1
78) n-propylbenzene	11.62	91	163	8.15	ug/l #	53
79) 2-Chlorotoluene	11.76	91	397	34.16	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.92	105	189	13.89	ug/l	89
81) trans-1,4-Dichloro-2-buten	11.96	75	89	86.05	ug/l #	20
82) 4-Chlorotoluene	11.89	91	436	36.62	ug/l #	43
83) tert-Butylbenzene	12.13	119	131	9.06	ug/l #	28
84) 1,2,4-Trimethylbenzene	12.21	105	288	20.46	ug/l #	27
85) sec-Butylbenzene	12.31	105	236	12.04	ug/l #	1
86) p-Isopropyltoluene	12.46	119	295	18.02	ug/l #	1
87) 1,3-Dichlorobenzene	12.52	146	65	9.15	ug/l #	7
88) 1,4-Dichlorobenzene	12.59	146	62	9.08	ug/l #	1
89) n-Butylbenzene	12.85	91	505	30.22	ug/l #	26
90) Hexachloroethane	12.92	117	127	31.71	ug/l #	21
91) 1,2-Dichlorobenzene	13.01	146	62	9.27	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.69	75	65	122.00	ug/l #	1
95) Naphthalene	14.51	128	1403	159.98	ug/l #	15
96) 1,2,3-Trichlorobenzene	14.69	180	67	15.09	ug/l #	1

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

