

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF112918\
 Data File : VF060874.D
 Acq On : 29 Nov 2018 18:45
 Operator : VA/AP
 Sample : J5771-07
 Misc : 8.18g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-02-112918-A

Quant Time: Nov 30 05:59:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	3672	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.60	114	5278	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.79	117	3750	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	1263	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.83	65	1043	24.11	ug/l	-0.05
Spiked Amount			Recovery	=	48.22%	
35) Dibromofluoromethane	4.13	113	1696	40.50	ug/l	-0.02
Spiked Amount			Recovery	=	81.00%	
50) Toluene-d8	7.55	98	5303	42.99	ug/l	-0.04
Spiked Amount			Recovery	=	85.98%	
62) 4-Bromofluorobenzene	11.41	95	1390	24.80	ug/l	-0.03
Spiked Amount			Recovery	=	49.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.10	50	143	4.003	ug/l #	41
4) Vinyl Chloride	1.17	62	134	4.021	ug/l #	42
5) Bromomethane	1.34	94	760	32.342	ug/l #	40
6) Chloroethane	1.48	64	94	6.525	ug/l #	40
7) Trichlorofluoromethane	1.63	101	76	1.063	ug/l #	15
8) Diethyl Ether	1.67	74	121	11.768	ug/l	69
10) Methyl Iodide	1.74	142	62	1.128	ug/l #	26
11) Tert butyl alcohol	2.55	59	60	33.837	ug/l #	62
12) 1,1-Dichloroethene	1.76	96	221	7.601	ug/l #	1
13) Acrolein	2.00	56	753	448.195	ug/l #	62
14) Allyl chloride	2.12	41	951	26.242	ug/l #	86
15) Acrylonitrile	2.79	53	472	118.729	ug/l	85
16) Acetone	2.22	43	1265	158.583	ug/l	96
18) Methyl Acetate	2.34	43	680	50.840	ug/l #	61
19) Methyl tert-butyl Ether	2.40	73	66	1.008	ug/l #	58
20) Methylene Chloride	2.25	84	95	3.246	ug/l #	2
21) trans-1,2-Dichloroethene	2.34	96	105	3.746	ug/l #	19
22) Diisopropyl ether	2.84	45	710	7.198	ug/l #	1
23) Vinyl Acetate	3.18	43	997	22.111	ug/l #	80
24) 1,1-Dichloroethane	2.88	63	131	2.232	ug/l #	86
25) 2-Butanone	4.34	43	136	9.857	ug/l #	57
26) 2,2-Dichloropropane	3.65	77	164	4.310	ug/l #	60
27) cis-1,2-Dichloroethene	3.49	96	71	1.556	ug/l	1
29) Tetrahydrofuran	4.06	42	128	21.886	ug/l #	37
31) Cyclohexane	3.71	56	85	1.396	ug/l #	15
36) 1,1-Dichloropropene	4.28	75	83	1.418	ug/l #	44
37) Ethyl Acetate	4.16	43	785	32.997	ug/l #	14
39) Methylcyclohexane	5.60	83	69	1.125	ug/l #	13
41) Methacrylonitrile	4.70	41	399	30.913	ug/l #	23
43) Isopropyl Acetate	6.95	43	330	9.013	ug/l #	49
48) Methyl methacrylate	6.71	41	378	17.554	ug/l #	88
49) 1,4-Dioxane	6.28	88	63	399.745	ug/l #	1
51) 4-Methyl-2-Pentanone	8.20	43	437	19.920	ug/l #	38
53) t-1,3-Dichloropropene	8.19	75	215	4.368	ug/l #	40

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55) 1,1,2-Trichloroethane	8.46	97	60	2.267	ug/l #	15
59) 2-Hexanone	9.46	43	243	15.789	ug/l #	27
68) m/p-Xylenes	10.18	106	60	1.228	ug/l #	1
74) N-amyl acetate	11.39	43	284	12.322	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	11.80	83	72	4.383	ug/l #	25
79) 2-Chlorotoluene	11.77	91	73	1.089	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.96	105	96	1.185	ug/l #	26
82) 4-Chlorotoluene	11.88	91	88	1.248	ug/l #	45
95) Naphthalene	14.46	128	444	5.169	ug/l #	69

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

