

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071018\
 Data File : VF059484.D
 Acq On : 10 Jul 2018 15:10
 Operator : VA/AP
 Sample : J3891-05RE
 Misc : 5.30g/5mL/MSVOA F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 72-12002-RBR-RBR-VNJ-230RE

Quant Time: Jul 10 15:39:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 06:35:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	9328	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.75	114	9978	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.90	117	7424	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	1857	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	2301	14.18	ug/l	0.03
Spiked Amount	50.000		Recovery	=	28.36%	
35) Dibromofluoromethane	4.27	113	2868	29.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.92%	
50) Toluene-d8	7.70	98	7309	32.45	ug/l	0.02
Spiked Amount	50.000		Recovery	=	64.90%	
62) 4-Bromofluorobenzene	11.54	95	92	0.73	ug/l	0.06
Spiked Amount	50.000		Recovery	=	1.46%	

Target Compounds			Qvalue			
3) Chloromethane	1.09	50	254	3.92	ug/l #	44
5) Bromomethane	1.36	94	64	1.23	ug/l #	4
6) Chloroethane	1.53	64	78	2.19	ug/l #	40
8) Diethyl Ether	1.63	74	73	2.42	ug/l	64
9) 1,1,2-Trichlorotrifluoroet	1.86	101	81	1.04	ug/l #	20
11) Tert butyl alcohol	2.61	59	59	7.98	ug/l #	73
12) 1,1-Dichloroethene	1.83	96	80	1.13	ug/l #	1
13) Acrolein	2.07	56	70	12.22	ug/l #	11
15) Acrylonitrile	3.07	53	138	10.23	ug/l #	10
16) Acetone	2.34	43	77	3.17	ug/l #	67
18) Methyl Acetate	2.41	43	60	1.06	ug/l #	66
20) Methylene Chloride	2.28	84	745	7.11	ug/l #	34
22) Diisopropyl ether	2.91	45	258	1.02	ug/l #	76
23) Vinyl Acetate	3.33	43	321	2.18	ug/l #	81
25) 2-Butanone	4.51	43	71	2.15	ug/l #	60
28) Bromochloromethane	3.89	49	74	1.05	ug/l #	8
29) Tetrahydrofuran	4.22	42	70	4.52	ug/l #	38
37) Ethyl Acetate	4.28	43	248	4.01	ug/l #	23
41) Methacrylonitrile	4.91	41	521	18.34	ug/l #	22
45) 1,2-Dichloropropane	6.48	63	69	1.16	ug/l #	45
48) Methyl methacrylate	6.85	41	206	4.08	ug/l #	11
49) 1,4-Dioxane	6.95	88	73	318.37	ug/l #	15
51) 4-Methyl-2-Pentanone	8.40	43	334	6.33	ug/l #	40
55) 1,1,2-Trichloroethane	8.62	97	89	1.48	ug/l #	16
56) Ethyl methacrylate	8.75	69	83	1.22	ug/l #	37
58) 2-Chloroethyl Vinyl ether	7.76	63	73	11.20	ug/l	100
59) 2-Hexanone	9.66	43	67	1.71	ug/l #	31
61) 1,2-Dibromoethane	9.07	107	108	1.46	ug/l #	2
66) 1,1,1,2-Tetrachloroethane	9.98	131	88	1.32	ug/l #	9
74) N-amyl acetate	11.43	43	286	8.30	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	11.79	83	75	2.92	ug/l #	24
76) 1,2,3-Trichloropropane	11.78	75	67	3.21	ug/l #	41
81) trans-1,4-Dichloro-2-buten	11.95	75	82	7.57	ug/l #	9
87) 1,3-Dichlorobenzene	12.56	146	82	1.39	ug/l #	25

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88) 1,4-Dichlorobenzene	12.56	146	82	1.42	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	13.65	75	71	11.05	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.28	180	80	1.84	ug/l #	11
95) Naphthalene	14.52	128	235	2.71	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.66	180	68	1.61	ug/l #	1

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

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