

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022119\
 Data File : VF061700.D
 Acq On : 21 Feb 2019 16:10
 Operator : VA/AP
 Sample : K1344-07
 Misc : 9.02g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-07-022019-B

Quant Time: Feb 22 03:29:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	8380	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.61	114	11668	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	5798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	857	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.84	65	1286	20.93	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	41.86%	
35) Dibromofluoromethane	4.12	113	2629	30.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.68%	
50) Toluene-d8	7.57	98	7994	32.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.18%	
62) 4-Bromofluorobenzene	11.41	95	1603	15.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	31.82%	

Target Compounds

						Qvalue
3) Chloromethane	1.14	50	327	3.239	ug/l #	42
5) Bromomethane	1.31	94	322	4.984	ug/l #	3
6) Chloroethane	1.39	64	65	1.405	ug/l #	1
8) Diethyl Ether	1.61	74	64	2.243	ug/l	97
11) Tert butyl alcohol	2.61	59	60	16.871	ug/l #	1
12) 1,1-Dichloroethene	1.74	96	231	3.217	ug/l #	1
13) Acrolein	2.03	56	319	71.368	ug/l #	54
14) Allyl chloride	2.09	41	296	3.359	ug/l #	77
15) Acrylonitrile	2.93	53	105	8.324	ug/l #	17
16) Acetone	2.24	43	868	65.833	ug/l	98
18) Methyl Acetate	2.33	43	301	10.134	ug/l #	59
20) Methylene Chloride	2.19	84	660	7.183	ug/l #	53
21) trans-1,2-Dichloroethene	2.31	96	79	1.012	ug/l #	1
22) Diisopropyl ether	2.81	45	965	4.562	ug/l #	1
23) Vinyl Acetate	3.18	43	1170	11.325	ug/l #	74
25) 2-Butanone	4.35	43	227	7.882	ug/l #	55
26) 2,2-Dichloropropane	3.55	77	70	1.291	ug/l #	52
29) Tetrahydrofuran	4.08	42	244	18.641	ug/l #	33
31) Cyclohexane	3.68	56	241	1.739	ug/l #	16
37) Ethyl Acetate	4.14	43	214	3.986	ug/l #	30
41) Methacrylonitrile	4.75	41	416	15.152	ug/l #	51
43) Isopropyl Acetate	6.95	43	235	3.698	ug/l #	43
48) Methyl methacrylate	6.74	41	160	4.184	ug/l #	17
51) 4-Methyl-2-Pentanone	8.28	43	166	3.656	ug/l #	34
59) 2-Hexanone	9.50	43	70	2.199	ug/l #	23
74) N-amyl acetate	11.37	43	226	15.431	ug/l #	32
75) 1,1,2,2-Tetrachloroethane	11.62	83	66	6.038	ug/l #	26
78) n-propylbenzene	11.60	91	343	4.899	ug/l #	51
79) 2-Chlorotoluene	11.72	91	353	9.002	ug/l #	36
80) 1,3,5-Trimethylbenzene	11.82	105	289	5.926	ug/l	97
82) 4-Chlorotoluene	11.83	91	64	1.572	ug/l #	37
83) tert-Butylbenzene	12.21	119	78	1.444	ug/l #	33
84) 1,2,4-Trimethylbenzene	12.21	105	962	19.856	ug/l #	39
85) sec-Butylbenzene	12.31	105	243	3.479	ug/l #	54

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86) p-Isopropyltoluene	12.46	119	422	7.199	ug/l #	8
89) n-Butylbenzene	12.85	91	431	7.786	ug/l #	79
92) 1,2-Dibromo-3-Chloropropan	13.68	75	85	49.044	ug/l #	1
95) Naphthalene	14.46	128	73	2.083	ug/l #	69

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

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