

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011419\
 Data File : VF061389.D
 Acq On : 14 Jan 2019 15:09
 Operator : VA/AP
 Sample : K1015-07
 Misc : 6.56g/5mL/MSVOA-F/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-02-011119-B

Quant Time: Jan 14 21:41:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	1123	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.57	114	1358	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.76	117	943	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.55	152	314	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	126	10.08	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	20.16%	
35) Dibromofluoromethane	4.11	113	99	9.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.06%	
50) Toluene-d8	7.54	98	1847	60.07	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	120.14%	
62) 4-Bromofluorobenzene	11.41	95	213	15.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	31.72%	

Target Compounds						Qvalue
3) Chloromethane	1.11	50	130	7.043	ug/l #	7
5) Bromomethane	1.27	94	808	65.472	ug/l #	6
6) Chloroethane	1.38	64	81	10.061	ug/l #	45
8) Diethyl Ether	1.76	74	75	18.274	ug/l #	1
10) Methyl Iodide	1.71	142	63	2.725	ug/l #	32
12) 1,1-Dichloroethene	1.74	96	157	13.304	ug/l #	1
13) Acrolein	1.85	56	212	402.473	ug/l	89
14) Allyl chloride	2.10	41	624	28.929	ug/l #	68
15) Acrylonitrile	2.94	53	105	59.184	ug/l #	75
16) Acetone	2.26	43	741	254.838	ug/l	98
17) Carbon Disulfide	1.80	76	73	1.873	ug/l #	1
18) Methyl Acetate	2.36	43	1714	299.607	ug/l #	65
19) Methyl tert-butyl Ether	2.46	73	63	2.801	ug/l #	57
20) Methylene Chloride	2.15	84	191	15.527	ug/l #	1
21) trans-1,2-Dichloroethene	2.32	96	143	11.435	ug/l #	1
22) Diisopropyl ether	2.81	45	215	5.152	ug/l #	47
23) Vinyl Acetate	3.17	43	122	9.997	ug/l #	77
24) 1,1-Dichloroethane	2.87	63	66	2.734	ug/l #	87
25) 2-Butanone	4.31	43	759	162.181	ug/l #	56
27) cis-1,2-Dichloroethene	3.60	96	73	4.181	ug/l	1
29) Tetrahydrofuran	4.05	42	246	125.720	ug/l #	63
30) Chloroform	3.75	83	59	1.925	ug/l #	16
31) Cyclohexane	3.77	56	76	3.001	ug/l #	72
36) 1,1-Dichloropropene	4.22	75	65	4.099	ug/l #	42
37) Ethyl Acetate	4.10	43	175	30.303	ug/l #	1
39) Methylcyclohexane	5.33	83	59	2.973	ug/l #	15
40) Benzene	4.63	78	93	2.512	ug/l #	51
41) Methacrylonitrile	4.70	41	431	133.646	ug/l #	24
42) 1,2-Dichloroethane	4.80	62	65	5.639	ug/l	76
43) Isopropyl Acetate	6.94	43	94	12.329	ug/l #	45
48) Methyl methacrylate	6.66	41	97	19.600	ug/l #	21
51) 4-Methyl-2-Pentanone	8.22	43	500	86.884	ug/l #	38
56) Ethyl methacrylate	8.54	69	85	11.421	ug/l #	20
58) 2-Chloroethyl Vinyl ether	7.34	63	73	230.169	ug/l #	56

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59) 2-Hexanone	9.43	43	118	28.943	ug/l #	27
67) Ethyl Benzene	9.90	91	64	1.743	ug/l #	48
74) N-amyl acetate	11.41	43	356	56.680	ug/l #	21
75) 1,1,2,2-Tetrachloroethane	11.65	83	91	20.772	ug/l #	25
76) 1,2,3-Trichloropropane	11.74	75	76	23.653	ug/l #	40
78) n-propylbenzene	11.61	91	73	2.216	ug/l #	55
79) 2-Chlorotoluene	11.64	91	84	4.577	ug/l #	41
81) trans-1,4-Dichloro-2-buten	11.74	75	76	54.126	ug/l #	17
83) tert-Butylbenzene	12.14	119	80	3.652	ug/l #	29
95) Naphthalene	14.45	128	62	4.666	ug/l #	70

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

