

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011019\
 Data File : VF061346.D
 Acq On : 10 Jan 2019 16:17
 Operator : VA/AP
 Sample : K1006-15
 Misc : 7.07g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-03-010819-H

Quant Time: Jan 11 00:31:26 2019
 Quant Method : Z:\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	4.89	168	472	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.60	114	389	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.56

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.86	65	79	15.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	30.08%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	7.57	98	510	57.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.80%	
62) 4-Bromofluorobenzene	11.53	95	62	16.12	ug/l	0.12
Spiked Amount	50.000		Recovery	=	32.24%	

Target Compounds

						Qvalue
3) Chloromethane	0.99	50	137	17.658	ug/l #	40
4) Vinyl Chloride	1.09	62	117	16.885	ug/l #	43
5) Bromomethane	1.32	94	274	51.295	ug/l #	6
7) Trichlorofluoromethane	1.51	101	60	5.108	ug/l #	19
8) Diethyl Ether	1.52	74	127	73.624	ug/l	72
9) 1,1,2-Trichlorotrifluoroet	1.90	101	62	9.996	ug/l #	23
10) Methyl Iodide	1.83	142	64	6.586	ug/l #	32
12) 1,1-Dichloroethene	1.76	96	160	32.258	ug/l #	1
13) Acrolein	2.11	56	239	1118.486	ug/l	87
14) Allyl chloride	2.10	41	548	60.445	ug/l #	45
15) Acrylonitrile	2.95	53	486	651.760	ug/l #	27
16) Acetone	2.26	43	819	670.144	ug/l #	55
17) Carbon Disulfide	1.76	76	59	3.601	ug/l #	74
18) Methyl Acetate	2.31	43	793	329.801	ug/l #	65
19) Methyl tert-butyl Ether	2.43	73	80	8.464	ug/l #	1
21) trans-1,2-Dichloroethene	2.35	96	61	11.606	ug/l #	1
22) Diisopropyl ether	2.78	45	313	17.845	ug/l #	1
23) Vinyl Acetate	3.23	43	371	72.328	ug/l #	77
24) 1,1-Dichloroethane	2.81	63	61	6.012	ug/l #	87
25) 2-Butanone	4.31	43	191	97.102	ug/l #	56
26) 2,2-Dichloropropane	3.58	77	66	9.735	ug/l #	60
27) cis-1,2-Dichloroethene	3.52	96	62	8.449	ug/l	1
29) Tetrahydrofuran	4.08	42	182	221.298	ug/l #	36
30) Chloroform	3.84	83	62	4.814	ug/l #	16
31) Cyclohexane	3.77	56	67	6.295	ug/l #	14
37) Ethyl Acetate	4.12	43	82	49.570	ug/l #	1
40) Benzene	4.56	78	62	5.846	ug/l #	51
41) Methacrylonitrile	4.73	41	188	203.511	ug/l #	54
43) Isopropyl Acetate	6.95	43	128	58.608	ug/l #	45
45) 1,2-Dichloropropane	6.37	63	64	23.731	ug/l #	43
48) Methyl methacrylate	6.69	41	272	191.873	ug/l #	10
49) 1,4-Dioxane	6.72	88	69	7713.878	ug/l #	20
51) 4-Methyl-2-Pentanone	8.28	43	231	140.130	ug/l #	38
54) cis-1,3-Dichloropropene	7.42	75	62	14.458	ug/l #	29

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) 2-Chloroethyl Vinyl ether	7.43	63	64	704.456	ug/l #	56
59) 2-Hexanone	9.50	43	268	229.480	ug/l #	27
64) Tetrachloroethene	8.23	164	73	38.563	ug/l #	1
68) m/p-Xylenes	10.12	106	75	21.240	ug/l #	73
69) o-Xylene	10.72	106	60	15.211	ug/l #	1

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

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