

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012419\
 Data File : VF061509.D
 Acq On : 24 Jan 2019 19:31
 Operator : VA/AP
 Sample : K1223-06RE
 Misc : 5.00µg/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TS-RRE

Quant Time: Jan 25 04:10:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.90	168	3495	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	5.62	114	4750	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.80	117	2123	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	12.57	152	377	50.00	ug/l	0.03

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.74	65	66	1.53	ug/l	-0.09
Spiked Amount	50.000		Recovery	=	3.06%	
35) Dibromofluoromethane	4.14	113	1094	29.19	ug/l	0.04
Spiked Amount	50.000		Recovery	=	58.38%	
50) Toluene-d8	7.57	98	3601	35.07	ug/l	0.03
Spiked Amount	50.000		Recovery	=	70.14%	
62) 4-Bromofluorobenzene	11.44	95	243	5.06	ug/l	0.04
Spiked Amount	50.000		Recovery	=	10.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.95	85	88	1.281	ug/l #	38
3) Chloromethane	1.15	50	71	1.410	ug/l #	44
4) Vinyl Chloride	1.19	62	69	1.540	ug/l #	43
5) Bromomethane	1.32	94	607	20.782	ug/l #	2
6) Chloroethane	1.42	64	62	3.124	ug/l #	1
8) Diethyl Ether	1.76	74	70	6.274	ug/l	87
12) 1,1-Dichloroethene	1.82	96	62	1.995	ug/l #	1
13) Acrolein	1.91	56	616	385.701	ug/l	94
14) Allyl chloride	2.11	41	638	11.051	ug/l #	47
15) Acrylonitrile	2.88	53	377	80.581	ug/l #	34
16) Acetone	2.20	43	475	54.872	ug/l #	61
18) Methyl Acetate	2.37	43	1306	76.076	ug/l	97
19) Methyl tert-butyl Ether	2.48	73	173	2.483	ug/l #	59
20) Methylene Chloride	2.21	84	117	2.305	ug/l #	1
21) trans-1,2-Dichloroethene	2.34	96	157	4.591	ug/l #	1
22) Diisopropyl ether	2.80	45	488	4.412	ug/l #	31
23) Vinyl Acetate	3.14	43	297	9.220	ug/l #	78
24) 1,1-Dichloroethane	2.88	63	83	1.195	ug/l #	85
25) 2-Butanone	4.34	43	339	23.549	ug/l #	57
26) 2,2-Dichloropropane	3.64	77	134	3.141	ug/l #	61
29) Tetrahydrofuran	4.08	42	363	58.562	ug/l #	38
32) 1,1,1-Trichloroethane	4.03	97	77	1.121	ug/l #	22
37) Ethyl Acetate	4.06	43	174	7.904	ug/l #	5
38) Carbon Tetrachloride	3.89	117	66	1.371	ug/l #	11
41) Methacrylonitrile	4.75	41	224	19.122	ug/l #	29
43) Isopropyl Acetate	7.01	43	60	2.172	ug/l #	51
48) Methyl methacrylate	6.70	41	179	9.648	ug/l #	19
51) 4-Methyl-2-Pentanone	8.30	43	86	4.234	ug/l #	39
53) t-1,3-Dichloropropene	8.23	75	65	1.547	ug/l #	44
56) Ethyl methacrylate	8.65	69	70	2.625	ug/l #	21
58) 2-Chloroethyl Vinyl ether	7.40	63	62	47.252	ug/l #	47
59) 2-Hexanone	9.49	43	208	14.685	ug/l #	26
64) Tetrachloroethene	8.17	164	61	3.821	ug/l #	1
73) Isopropylbenzene	11.07	105	62	2.022	ug/l #	50

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) N-amyl acetate	11.37	43	331	45.652	ug/l #	47
80) 1,3,5-Trimethylbenzene	11.90	105	104	4.203	ug/l #	28
81) trans-1,4-Dichloro-2-buten	11.95	75	63	36.924	ug/l #	19
85) sec-Butylbenzene	12.44	105	60	1.725	ug/l #	56
86) p-Isopropyltoluene	12.49	119	74	2.592	ug/l #	50

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

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