

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021119\
 Data File : VF061587.D
 Acq On : 11 Feb 2019 15:44
 Operator : VA/AP
 Sample : K1453-07
 Misc : 5.31g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 M-8-D

Quant Time: Feb 12 03:26:39 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	4.85	168	946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.57	114	1825	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.78	117	1055	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.54	152	62	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.83	65	355	30.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.78%	
35) Dibromofluoromethane	4.10	113	221	15.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	30.70%	
50) Toluene-d8	7.54	98	1161	29.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.86%	
62) 4-Bromofluorobenzene	11.39	95	183	9.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.86%	

Target Compounds

						Qvalue
3) Chloromethane	1.06	50	75	5.503	ug/l #	44
4) Vinyl Chloride	1.28	62	60	4.949	ug/l #	43
5) Bromomethane	1.31	94	835	105.618	ug/l #	2
6) Chloroethane	1.41	64	62	11.541	ug/l #	41
7) Trichlorofluoromethane	1.55	101	61	2.588	ug/l #	19
8) Diethyl Ether	1.56	74	67	22.185	ug/l	89
10) Methyl Iodide	1.82	142	70	3.987	ug/l #	1
11) Tert butyl alcohol	2.62	59	69	139.570	ug/l #	64
12) 1,1-Dichloroethene	1.80	96	66	7.844	ug/l #	1
13) Acrolein	1.99	56	325	742.000	ug/l	84
14) Allyl chloride	2.10	41	739	75.907	ug/l #	65
15) Acrylonitrile	2.91	53	167	131.876	ug/l #	1
16) Acetone	2.22	43	2064	880.899	ug/l #	61
17) Carbon Disulfide	1.85	76	132	5.032	ug/l #	69
18) Methyl Acetate	2.36	43	411	88.451	ug/l	96
19) Methyl tert-butyl Ether	2.44	73	131	6.945	ug/l #	1
20) Methylene Chloride	2.17	84	70	7.300	ug/l #	1
21) trans-1,2-Dichloroethene	2.30	96	111	11.991	ug/l #	1
22) Diisopropyl ether	2.78	45	466	15.564	ug/l #	13
23) Vinyl Acetate	3.23	43	835	65.787	ug/l #	78
24) 1,1-Dichloroethane	2.76	63	144	7.663	ug/l #	85
25) 2-Butanone	4.34	43	64	16.425	ug/l #	57
26) 2,2-Dichloropropane	3.53	77	70	6.063	ug/l #	61
27) cis-1,2-Dichloroethene	3.31	96	60	4.391	ug/l	1
28) Bromochloromethane	3.59	49	86	10.181	ug/l #	8
29) Tetrahydrofuran	4.07	42	61	36.358	ug/l #	38
31) Cyclohexane	3.50	56	144	7.671	ug/l #	13
37) Ethyl Acetate	4.07	43	86	10.167	ug/l #	5
39) Methylcyclohexane	5.38	83	88	3.838	ug/l #	54
40) Benzene	4.55	78	59	1.253	ug/l #	1
41) Methacrylonitrile	4.70	41	79	17.553	ug/l #	42
43) Isopropyl Acetate	6.95	43	313	29.484	ug/l #	51
44) Trichloroethene	5.48	130	63	4.362	ug/l	1
48) Methyl methacrylate	6.67	41	131	18.377	ug/l #	19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021119\
 Data File : VF061587.D
 Acq On : 11 Feb 2019 15:44
 Operator : VA/AP
 Sample : K1453-07
 Misc : 5.31g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 M-8-D

Quant Time: Feb 12 03:26:39 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)
49) 1,4-Dioxane	7.00	88	64	1307.516	ug/l #	1
51) 4-Methyl-2-Pentanone	8.22	43	182	23.321	ug/l #	39
54) cis-1,3-Dichloropropene	7.27	75	60	2.973	ug/l #	31
58) 2-Chloroethyl Vinyl ether	7.18	63	73	87.994	ug/l #	47
59) 2-Hexanone	9.44	43	64	11.760	ug/l #	26
73) Isopropylbenzene	11.05	105	62	12.295	ug/l #	50
74) N-amyl acetate	11.34	43	256	214.696	ug/l #	53
84) 1,2,4-Trimethylbenzene	12.35	105	98	23.379	ug/l #	28
85) sec-Butylbenzene	12.35	105	98	17.133	ug/l #	56
89) n-Butylbenzene	12.81	91	67	13.836	ug/l #	27

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF021119\
Data File : VF061587.D
Acq On : 11 Feb 2019 15:44
Operator : VA/AP
Sample : K1453-07
Misc : 5.31q/5mL/MSVOA-F/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
M-8-D

Quant Time: Feb 12 03:26:39 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration

