

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062218\
 Data File : VF059284.D
 Acq On : 22 Jun 2018 20:05
 Operator : VA/AP
 Sample : J3602-01RE
 Misc : 5.13g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-F-8(0-5)RE

Quant Time: Jun 23 04:37:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 22 05:22:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	746	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.00	114	64	50.00	ug/l	0.24
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.91
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.63

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.99	65	134	12.51	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	25.02%	
35) Dibromofluoromethane	4.30	113	150	278.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	557.14%	
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.08	85	64	7.37	ug/l #	44
3) Chloromethane	1.13	50	89	16.27	ug/l #	40
4) Vinyl Chloride	1.25	62	136	25.07	ug/l #	43
5) Bromomethane	1.17	94	59	15.45	ug/l #	72
6) Chloroethane	1.55	64	75	28.34	ug/l #	38
8) Diethyl Ether	1.78	74	67	28.02	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	1.81	101	70	11.81	ug/l #	19
11) Tert butyl alcohol	2.77	59	72	115.39	ug/l #	1
12) 1,1-Dichloroethene	1.89	96	137	25.91	ug/l #	1
13) Acrolein	2.07	56	174	359.63	ug/l #	10
14) Allyl chloride	2.19	41	153	15.68	ug/l #	1
15) Acrylonitrile	3.09	53	70	51.00	ug/l #	16
16) Acetone	2.37	43	157	62.03	ug/l #	64
18) Methyl Acetate	2.43	43	160	33.53	ug/l #	66
19) Methyl tert-butyl Ether	2.54	73	160	9.02	ug/l #	62
21) trans-1,2-Dichloroethene	2.44	96	101	18.30	ug/l #	1
22) Diisopropyl ether	3.01	45	68	3.36	ug/l #	36
23) Vinyl Acetate	3.35	43	92	7.10	ug/l #	80
24) 1,1-Dichloroethane	3.02	63	63	4.80	ug/l #	90
25) 2-Butanone	4.57	43	67	19.85	ug/l #	58
26) 2,2-Dichloropropane	3.78	77	160	17.49	ug/l #	64
27) cis-1,2-Dichloroethene	3.63	96	116	13.83	ug/l #	1
28) Bromochloromethane	3.88	49	59	7.92	ug/l #	8
29) Tetrahydrofuran	4.30	42	140	92.36	ug/l #	37
31) Cyclohexane	3.83	56	144	15.94	ug/l #	18
32) 1,1,1-Trichloroethane	4.25	97	67	4.67	ug/l #	21
36) 1,1-Dichloropropene	4.69	75	70	104.08	ug/l #	44
37) Ethyl Acetate	4.46	43	334	777.18	ug/l #	11
38) Carbon Tetrachloride	4.37	117	68	82.31	ug/l #	12
39) Methylcyclohexane	5.83	83	85	141.23	ug/l #	16
40) Benzene	4.83	78	67	46.95	ug/l #	50
41) Methacrylonitrile	5.09	41	174	847.52	ug/l #	40
42) 1,2-Dichloroethane	5.35	62	63	76.63	ug/l #	84
43) Isopropyl Acetate	7.43	43	232	440.55	ug/l #	47

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,2-Dichloropropane	6.80	63	80	192.15	ug/l #	43
46) Dibromomethane	6.39	93	65	184.99	ug/l #	7
48) Methyl methacrylate	7.13	41	128	383.95	ug/l #	37
51) 4-Methyl-2-Pentanone	8.71	43	160	426.04	ug/l #	39
53) t-1,3-Dichloropropene	8.84	75	149	188.65	ug/l #	42
54) cis-1,3-Dichloropropene	7.80	75	151	181.07	ug/l #	80
55) 1,1,2-Trichloroethane	8.92	97	62	145.83	ug/l #	17
56) Ethyl methacrylate	9.14	69	84	172.80	ug/l #	1
57) 1,3-Dichloropropane	9.25	76	63	89.59	ug/l #	40
58) 2-Chloroethyl Vinyl ether	8.03	63	64	1646.27	ug/l	100
59) 2-Hexanone	10.05	43	129	433.26	ug/l #	30

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

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