

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061918\
 Data File : VF059222.D
 Acq On : 20 Jun 2018 8:36
 Operator : VA/AP
 Sample : J3575-21
 Misc : 10.60g/5mL/MSVOA-F/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-13

Quant Time: Jun 20 08:53:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 10:52:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	82	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.94	117	81	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.63

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	7.71	98	147	86.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	173.94%	
62) 4-Bromofluorobenzene	11.48	95	63	72.67	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	145.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.99	85	72	62.98	ug/l #	42
3) Chloromethane	1.13	50	70	79.05	ug/l #	41
4) Vinyl Chloride	1.11	62	75	93.88	ug/l #	43
5) Bromomethane	1.38	94	65	139.64	ug/l #	1
7) Trichlorofluoromethane	1.38	101	79	63.62	ug/l #	17
11) Tert butyl alcohol	2.67	59	76	968.34	ug/l #	71
12) 1,1-Dichloroethene	1.74	96	221	332.08	ug/l #	1
14) Allyl chloride	2.18	41	81	62.01	ug/l #	60
15) Acrylonitrile	3.22	53	77	493.98	ug/l #	13
16) Acetone	2.35	43	248	847.97	ug/l #	59
18) Methyl Acetate	2.44	43	236	469.40	ug/l #	66
19) Methyl tert-butyl Ether	2.49	73	69	33.40	ug/l #	58
20) Methylene Chloride	2.34	84	67	95.68	ug/l #	1
21) trans-1,2-Dichloroethene	2.49	96	60	82.21	ug/l #	1
22) Diisopropyl ether	2.94	45	63	24.54	ug/l #	38
23) Vinyl Acetate	3.33	43	72	42.53	ug/l #	78
25) 2-Butanone	4.53	43	157	346.26	ug/l #	56
26) 2,2-Dichloropropane	3.73	77	81	71.72	ug/l #	65
28) Bromochloromethane	3.87	49	90	128.45	ug/l #	2
29) Tetrahydrofuran	4.24	42	77	385.41	ug/l #	36
31) Cyclohexane	3.87	56	66	48.53	ug/l #	15
32) 1,1,1-Trichloroethane	4.32	97	66	39.70	ug/l #	20
36) 1,1-Dichloropropene	4.44	75	89	111.98	ug/l #	42
37) Ethyl Acetate	4.32	43	60	122.17	ug/l #	17
38) Carbon Tetrachloride	4.28	117	63	73.14	ug/l #	13
40) Benzene	4.85	78	72	39.03	ug/l #	50
41) Methacrylonitrile	4.92	41	150	621.69	ug/l #	24
42) 1,2-Dichloroethane	5.15	62	66	79.77	ug/l	82
43) Isopropyl Acetate	7.14	43	176	267.59	ug/l #	44
48) Methyl methacrylate	6.84	41	218	537.66	ug/l #	48
51) 4-Methyl-2-Pentanone	8.40	43	168	372.67	ug/l #	38
53) t-1,3-Dichloropropene	8.32	75	61	69.18	ug/l #	43
56) Ethyl methacrylate	8.80	69	74	121.92	ug/l #	20
57) 1,3-Dichloropropane	8.92	76	128	155.40	ug/l #	42

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) 2-Chloroethyl Vinyl ether	7.76	63	59	1359.45	ug/l	100
59) 2-Hexanone	9.60	43	170	476.75	ug/l #	26
61) 1,2-Dibromoethane	9.13	107	64	114.39	ug/l #	2
67) Ethyl Benzene	10.08	91	70	25.12	ug/l #	44

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

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