

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062018\
 Data File : VF059236.D
 Acq On : 20 Jun 2018 20:04
 Operator : VA/AP
 Sample : J3575-10
 Misc : 10.87g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-12

Quant Time: Jun 21 06:38:43 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	528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	746	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.67	152	69	50.00	ug/l	0.04

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	115	17.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.92%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	7.70	98	633	41.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.32%	
62) 4-Bromofluorobenzene	11.51	95	343	43.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.98%	

Target Compounds			Qvalue			
3) Chloromethane	1.09	50	212	45.80	ug/l #	41
4) Vinyl Chloride	1.08	62	63	15.09	ug/l #	43
5) Bromomethane	1.24	94	183	75.20	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	1.85	101	78	18.85	ug/l #	19
10) Methyl Iodide	2.06	142	70	9.67	ug/l #	25
11) Tert butyl alcohol	2.69	59	64	155.99	ug/l #	71
12) 1,1-Dichloroethene	1.79	96	60	17.25	ug/l #	1
13) Acrolein	1.93	56	73	205.56	ug/l #	12
14) Allyl chloride	2.15	41	245	35.88	ug/l #	1
15) Acrylonitrile	2.93	53	61	74.86	ug/l #	72
16) Acetone	2.34	43	259	169.40	ug/l #	59
17) Carbon Disulfide	1.88	76	88	9.01	ug/l #	73
18) Methyl Acetate	2.45	43	196	74.57	ug/l #	66
19) Methyl tert-butyl Ether	2.52	73	101	9.35	ug/l #	58
21) trans-1,2-Dichloroethene	2.38	96	75	19.66	ug/l #	1
22) Diisopropyl ether	2.89	45	151	11.25	ug/l #	38
23) Vinyl Acetate	3.34	43	70	7.91	ug/l #	78
25) 2-Butanone	4.49	43	70	29.53	ug/l #	56
26) 2,2-Dichloropropane	3.75	77	66	11.18	ug/l #	65
27) cis-1,2-Dichloroethene	3.57	96	75	12.77	ug/l	1
29) Tetrahydrofuran	4.33	42	69	66.06	ug/l #	36
31) Cyclohexane	3.75	56	69	9.71	ug/l #	15
32) 1,1,1-Trichloroethane	4.11	97	59	6.79	ug/l #	20
37) Ethyl Acetate	4.29	43	276	61.77	ug/l #	17
38) Carbon Tetrachloride	4.32	117	81	10.34	ug/l #	13
40) Benzene	4.89	78	63	3.75	ug/l #	50
41) Methacrylonitrile	4.87	41	143	65.15	ug/l #	48
43) Isopropyl Acetate	7.09	43	89	14.87	ug/l #	44
45) 1,2-Dichloropropane	6.34	63	66	13.64	ug/l #	44
48) Methyl methacrylate	6.89	41	151	40.94	ug/l #	44
49) 1,4-Dioxane	6.81	88	68	Below	Cal #	16
51) 4-Methyl-2-Pentanone	8.43	43	68	16.58	ug/l #	38
53) t-1,3-Dichloropropene	8.40	75	77	9.60	ug/l #	43
54) cis-1,3-Dichloropropene	7.43	75	66	7.16	ug/l #	56

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55) 1,1,2-Trichloroethane	8.56	97	65	14.84	ug/l #	8
56) Ethyl methacrylate	8.78	69	148	26.80	ug/l #	40
57) 1,3-Dichloropropane	9.16	76	79	10.54	ug/l #	11
58) 2-Chloroethyl Vinyl ether	7.61	63	60	151.96	ug/l	100
59) 2-Hexanone	9.60	43	231	71.21	ug/l #	26
60) Dibromochloromethane	9.01	129	60	9.53	ug/l #	12
74) N-amyl acetate	11.45	43	83	48.64	ug/l #	46
76) 1,2,3-Trichloropropane	11.81	75	98	117.16	ug/l #	29
78) n-propylbenzene	11.63	91	96	16.98	ug/l #	53
79) 2-Chlorotoluene	11.76	91	67	20.06	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.80	105	63	15.93	ug/l #	28
81) trans-1,4-Dichloro-2-buten	11.98	75	69	127.23	ug/l #	19
84) 1,2,4-Trimethylbenzene	12.32	105	66	16.11	ug/l #	28
85) sec-Butylbenzene	12.36	105	143	26.81	ug/l #	58
86) p-Isopropyltoluene	12.56	119	75	17.12	ug/l #	50
92) 1,2-Dibromo-3-Chloropropan	13.72	75	77	346.60	ug/l #	8
95) Naphthalene	14.52	128	65	20.35	ug/l #	70

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

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