

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061918\
 Data File : VF059218.D
 Acq On : 20 Jun 2018 6:45
 Operator : VA/AP
 Sample : J3575-06
 Misc : 11.43g/5mL/MSVOA-F/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-10

Quant Time: Jun 20 07:46:40 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	5.03	168	1203	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	1299	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	69	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	140	9.60	ug/l	0.00
Spiked Amount 50.000			Recovery =	19.20%		
35) Dibromofluoromethane	4.28	113	367	40.26	ug/l	-0.01
Spiked Amount 50.000			Recovery =	80.52%		
50) Toluene-d8	7.70	98	1271	47.47	ug/l	-0.01
Spiked Amount 50.000			Recovery =	94.94%		
62) 4-Bromofluorobenzene	11.52	95	444	32.33	ug/l	0.00
Spiked Amount 50.000			Recovery =	64.66%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.97	85	135	9.91	ug/l #	42
3) Chloromethane	1.09	50	162	15.36	ug/l #	41
4) Vinyl Chloride	0.99	62	71	7.46	ug/l #	43
6) Chloroethane	1.39	64	64	16.21	ug/l #	44
7) Trichlorofluoromethane	1.48	101	60	4.06	ug/l #	17
11) Tert butyl alcohol	2.62	59	62	66.32	ug/l #	71
12) 1,1-Dichloroethene	1.94	96	86	10.85	ug/l #	1
13) Acrolein	1.98	56	61	75.39	ug/l #	12
14) Allyl chloride	2.20	41	115	7.39	ug/l #	4
15) Acrylonitrile	3.11	53	141	75.94	ug/l #	13
16) Acetone	2.35	43	76	21.82	ug/l #	59
18) Methyl Acetate	2.45	43	145	24.21	ug/l #	66
19) Methyl tert-butyl Ether	2.55	73	84	3.41	ug/l #	58
20) Methylene Chloride	2.26	84	84	10.07	ug/l #	1
21) trans-1,2-Dichloroethene	2.43	96	141	16.22	ug/l #	1
22) Diisopropyl ether	2.95	45	77	2.52	ug/l #	1
23) Vinyl Acetate	3.31	43	167	8.28	ug/l #	78
25) 2-Butanone	4.49	43	171	31.66	ug/l #	56
26) 2,2-Dichloropropane	3.63	77	79	5.87	ug/l #	1
27) cis-1,2-Dichloroethene	3.59	96	59	4.41	ug/l	1
28) Bromochloromethane	3.76	49	85	10.19	ug/l #	2
29) Tetrahydrofuran	4.23	42	71	29.84	ug/l #	36
32) 1,1,1-Trichloroethane	4.39	97	79	3.99	ug/l #	20
37) Ethyl Acetate	4.22	43	117	15.04	ug/l #	17
39) Methylcyclohexane	5.66	83	62	4.83	ug/l #	13
40) Benzene	4.69	78	67	2.29	ug/l #	50
41) Methacrylonitrile	4.94	41	533	139.45	ug/l #	24
42) 1,2-Dichloroethane	5.00	62	60	4.58	ug/l	82
43) Isopropyl Acetate	7.12	43	82	7.87	ug/l #	44
45) 1,2-Dichloropropane	6.32	63	89	10.56	ug/l #	44
48) Methyl methacrylate	6.89	41	229	35.65	ug/l #	15
49) 1,4-Dioxane	7.00	88	85	2117.41	ug/l #	16
51) 4-Methyl-2-Pentanone	8.40	43	243	34.03	ug/l #	38
52) Toluene	7.90	92	68	3.23	ug/l #	1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

53) t-1,3-Dichloropropene	8.43	75	67	4.80	ug/l #	43
54) cis-1,3-Dichloropropene	7.51	75	91	5.67	ug/l #	26
55) 1,1,2-Trichloroethane	8.66	97	61	8.00	ug/l #	16
56) Ethyl methacrylate	8.69	69	74	7.70	ug/l #	20
57) 1,3-Dichloropropane	9.05	76	95	7.28	ug/l #	42
59) 2-Hexanone	9.66	43	261	46.21	ug/l	67
60) Dibromochloromethane	9.00	129	62	5.66	ug/l #	12
67) Ethyl Benzene	9.99	91	60	2.50	ug/l #	44
69) o-Xylene	10.82	106	60	6.18	ug/l #	1
70) Styrene	10.87	104	85	5.79	ug/l #	30
73) Isopropylbenzene	11.24	105	147	30.77	ug/l #	50
74) N-amyl acetate	11.44	43	408	239.09	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	11.91	83	61	53.86	ug/l #	24
76) 1,2,3-Trichloropropane	11.88	75	80	95.64	ug/l #	1
78) n-propylbenzene	11.67	91	66	11.67	ug/l #	53
79) 2-Chlorotoluene	11.67	91	66	19.76	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.97	105	63	15.93	ug/l #	28
81) trans-1,4-Dichloro-2-buten	11.88	75	80	147.51	ug/l #	19
82) 4-Chlorotoluene	12.09	91	64	18.00	ug/l #	40
83) tert-Butylbenzene	12.20	119	85	21.65	ug/l #	29
84) 1,2,4-Trimethylbenzene	12.16	105	74	18.06	ug/l #	28
85) sec-Butylbenzene	12.53	105	63	11.81	ug/l #	58
86) p-Isopropyltoluene	12.65	119	90	20.54	ug/l #	50
89) n-Butylbenzene	12.93	91	93	18.52	ug/l #	28
90) Hexachloroethane	13.04	117	60	55.61	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	13.71	75	71	319.59	ug/l #	8
95) Naphthalene	14.54	128	76	23.79	ug/l #	70

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

