

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
 Data File : VF059580.D
 Acq On : 20 Jul 2018 2:53
 Operator : VA/AP
 Sample : J4062-07
 Misc : 1.86g/5mL/MSVOA F/SOIL
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-4

Quant Time: Jul 20 07:10:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.16	168	68	50.00	ug/l	0.11
34) 1,4-Difluorobenzene	6.21	114	80	50.00	ug/l	0.42
63) Chlorobenzene-d5	10.81	117	144	50.00	ug/l	0.88
72) 1,4-Dichlorobenzene-d4	12.59	152	63	50.00	ug/l	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount				50.000		
			Recovery	=	0.00%	
35) Dibromofluoromethane	4.45	113	90	129.90	ug/l	0.15
Spiked Amount				50.000		
			Recovery	=	259.80%	
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	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.08	50	182	397.01	ug/l #	44
4) Vinyl Chloride	1.21	62	73	157.82	ug/l #	1
6) Chloroethane	1.37	64	69	295.84	ug/l #	46
8) Diethyl Ether	1.57	74	69	316.75	ug/l #	1
10) Methyl Iodide	1.93	142	64	76.47	ug/l #	23
11) Tert butyl alcohol	2.74	59	73	1717.86	ug/l #	74
12) 1,1-Dichloroethene	1.92	96	92	180.96	ug/l #	1
13) Acrolein	2.12	56	80	5320.72	ug/l #	70
14) Allyl chloride	2.25	41	88	138.70	ug/l #	57
15) Acrylonitrile	3.17	53	71	800.18	ug/l #	63
16) Acetone	2.36	43	377	2651.45	ug/l #	64
18) Methyl Acetate	2.46	43	263	863.32	ug/l #	67
19) Methyl tert-butyl Ether	2.69	73	76	47.65	ug/l #	59
20) Methylene Chloride	2.37	84	135	306.45	ug/l #	3
21) trans-1,2-Dichloroethene	2.53	96	67	142.53	ug/l #	1
22) Diisopropyl ether	3.00	45	231	129.55	ug/l #	37
23) Vinyl Acetate	3.39	43	186	178.50	ug/l #	84
24) 1,1-Dichloroethane	2.99	63	66	59.93	ug/l #	91
25) 2-Butanone	4.60	43	87	354.33	ug/l #	60
26) 2,2-Dichloropropane	3.75	77	77	105.69	ug/l #	62
27) cis-1,2-Dichloroethene	3.77	96	66	120.64	ug/l #	1
28) Bromochloromethane	4.09	49	86	177.42	ug/l #	6
29) Tetrahydrofuran	4.30	42	62	655.17	ug/l #	38
30) Chloroform	4.09	83	62	38.97	ug/l #	17
31) Cyclohexane	3.92	56	73	127.98	ug/l #	15
32) 1,1,1-Trichloroethane	4.36	97	78	75.45	ug/l #	21
36) 1,1-Dichloropropene	4.75	75	60	74.93	ug/l #	45
37) Ethyl Acetate	4.60	43	87	221.39	ug/l #	41
38) Carbon Tetrachloride	4.32	117	63	68.65	ug/l #	12
40) Benzene	5.21	78	62	39.91	ug/l #	51
41) Methacrylonitrile	5.29	41	150	653.22	ug/l #	27
42) 1,2-Dichloroethane	5.52	62	70	68.60	ug/l #	85
43) Isopropyl Acetate	7.64	43	78	135.56	ug/l #	51
44) Trichloroethene	5.98	130	82	142.60	ug/l #	1

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

48) Methyl methacrylate	7.45	41	101	245.78	ug/l #	13
49) 1,4-Dioxane	7.79	88	61	Below Cal	#	15
51) 4-Methyl-2-Pentanone	9.06	43	131	321.18	ug/l #	40
53) t-1,3-Dichloropropene	9.12	75	108	116.16	ug/l #	38
55) 1,1,2-Trichloroethane	9.23	97	59	135.16	ug/l #	15
56) Ethyl methacrylate	9.41	69	77	142.24	ug/l #	1
57) 1,3-Dichloropropane	9.59	76	106	137.32	ug/l #	42
58) 2-Chloroethyl Vinyl ether	8.51	63	154	3222.13	ug/l	100
59) 2-Hexanone	10.34	43	64	207.62	ug/l #	30
61) 1,2-Dibromoethane	9.82	107	61	112.62	ug/l #	2
67) Ethyl Benzene	10.06	91	62	12.90	ug/l #	45
68) m/p-Xylenes	10.33	106	99	58.35	ug/l #	1
69) o-Xylene	10.70	106	60	33.21	ug/l	47
70) Styrene	10.93	104	79	28.45	ug/l #	26
74) N-amyl acetate	11.50	43	147	115.46	ug/l #	48
76) 1,2,3-Trichloropropane	11.97	75	70	98.86	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.89	105	144	43.23	ug/l #	29
81) trans-1,4-Dichloro-2-buten	11.97	75	70	216.42	ug/l #	6
83) tert-Butylbenzene	12.37	119	62	19.39	ug/l #	26
86) p-Isopropyltoluene	12.56	119	65	18.37	ug/l #	50
87) 1,3-Dichlorobenzene	12.71	146	63	32.96	ug/l #	23
88) 1,4-Dichlorobenzene	12.71	146	63	33.45	ug/l #	25
89) n-Butylbenzene	13.02	91	60	18.12	ug/l #	30
90) Hexachloroethane	12.94	117	76	94.58	ug/l #	17
91) 1,2-Dichlorobenzene	12.93	146	66	36.10	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	13.60	75	81	412.35	ug/l #	8
93) 1,2,4-Trichlorobenzene	14.22	180	68	61.21	ug/l #	12
95) Naphthalene	14.51	128	72	31.20	ug/l #	69

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

