

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
 Data File : VF059583.D
 Acq On : 20 Jul 2018 4:15
 Operator : VA/AP
 Sample : J4062-25
 Misc : 5.08g/5mL/MSVOA F/SOIL
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-9

Quant Time: Jul 20 07:11:03 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	5.04	168	446	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.80	114	325	50.00	ug/l	0.01
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.93
72) 1,4-Dichlorobenzene-d4	12.51	152	67	50.00	ug/l	-0.13

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						
			Recovery	=	0.00%	
35) Dibromofluoromethane	4.23	113	68	24.16	ug/l	-0.07
Spiked Amount						
			Recovery	=	48.32%	
50) Toluene-d8	7.73	98	138	19.46	ug/l	0.00
Spiked Amount						
			Recovery	=	38.92%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount						
			Recovery	=	0.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.10	50	130	43.24	ug/l #	44
4) Vinyl Chloride	1.17	62	79	26.04	ug/l #	43
5) Bromomethane	1.21	94	87	41.38	ug/l #	3
6) Chloroethane	1.36	64	163	106.55	ug/l #	46
7) Trichlorofluoromethane	1.61	101	87	11.72	ug/l #	20
8) Diethyl Ether	1.69	74	91	63.69	ug/l #	1
10) Methyl Iodide	1.90	142	72	13.12	ug/l #	23
11) Tert butyl alcohol	2.66	59	69	235.06	ug/l #	74
14) Allyl chloride	2.21	41	62	14.90	ug/l #	1
15) Acrylonitrile	3.09	53	60	103.10	ug/l #	63
16) Acetone	2.33	43	63	37.37	ug/l #	64
18) Methyl Acetate	2.46	43	59	26.42	ug/l #	67
19) Methyl tert-butyl Ether	2.57	73	93	8.89	ug/l #	1
20) Methylene Chloride	2.39	84	78	22.39	ug/l #	3
21) trans-1,2-Dichloroethene	2.37	96	67	21.73	ug/l #	1
22) Diisopropyl ether	2.98	45	75	6.41	ug/l #	37
23) Vinyl Acetate	3.32	43	136	19.90	ug/l #	84
25) 2-Butanone	4.48	43	237	147.17	ug/l #	60
26) 2,2-Dichloropropane	3.91	77	197	41.23	ug/l #	62
28) Bromochloromethane	3.88	49	61	19.19	ug/l #	6
29) Tetrahydrofuran	4.29	42	69	91.74	ug/l #	38
30) Chloroform	3.91	83	66	6.33	ug/l #	17
31) Cyclohexane	3.88	56	62	16.57	ug/l #	15
32) 1,1,1-Trichloroethane	4.27	97	65	9.59	ug/l #	21
36) 1,1-Dichloropropene	4.46	75	77	23.67	ug/l #	45
37) Ethyl Acetate	4.32	43	204	125.04	ug/l #	41
38) Carbon Tetrachloride	4.27	117	60	16.09	ug/l #	12
39) Methylcyclohexane	5.54	83	71	28.76	ug/l #	14
40) Benzene	4.90	78	69	10.93	ug/l #	51
41) Methacrylonitrile	4.99	41	64	68.60	ug/l #	43
43) Isopropyl Acetate	7.13	43	61	26.10	ug/l #	51
45) 1,2-Dichloropropane	6.33	63	70	39.96	ug/l #	42
46) Dibromomethane	6.31	93	64	40.12	ug/l #	3
47) Bromodichloromethane	6.42	83	78	19.00	ug/l #	25

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48) Methyl methacrylate	6.91	41	68	40.73	ug/l #	51
49) 1,4-Dioxane	6.57	88	73	Below Cal	#	27
51) 4-Methyl-2-Pentanone	8.44	43	61	36.81	ug/l #	40
55) 1,1,2-Trichloroethane	8.58	97	64	36.09	ug/l #	15
56) Ethyl methacrylate	8.89	69	66	30.01	ug/l #	13
58) 2-Chloroethyl Vinyl ether	7.74	63	74	381.12	ug/l	100
59) 2-Hexanone	9.69	43	491	392.09	ug/l #	30
73) Isopropylbenzene	11.30	105	83	19.63	ug/l #	51
74) N-amyl acetate	11.48	43	189	139.58	ug/l #	48
76) 1,2,3-Trichloropropane	11.72	75	61	81.01	ug/l #	38
78) n-propylbenzene	11.74	91	144	29.69	ug/l #	53
79) 2-Chlorotoluene	11.85	91	69	23.10	ug/l #	43
82) 4-Chlorotoluene	12.05	91	84	25.10	ug/l #	46
87) 1,3-Dichlorobenzene	12.57	146	66	32.46	ug/l #	23
88) 1,4-Dichlorobenzene	12.57	146	66	32.95	ug/l #	25
89) n-Butylbenzene	13.05	91	75	21.30	ug/l #	30
92) 1,2-Dibromo-3-Chloropropan	13.67	75	67	320.71	ug/l #	8
93) 1,2,4-Trichlorobenzene	14.11	180	60	50.78	ug/l #	12
94) Hexachlorobutadiene	14.38	225	62	102.44	ug/l #	17
95) Naphthalene	14.50	128	62	25.26	ug/l #	1

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

