

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
 Data File : VF059555.D
 Acq On : 19 Jul 2018 12:37
 Operator : VA/AP
 Sample : J4030-04
 Misc : 6.72g/5mL/MSVOA F/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB6-8

Quant Time: Jul 19 14:42:22 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	5.03	168	72	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.57	114	88	50.00	ug/l	-0.22
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.93
72) 1,4-Dichlorobenzene-d4	12.70	152	85	50.00	ug/l	0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.13	65	66	58.94	ug/l	0.10
Spiked Amount				50.000		
			Recovery	=	117.88%	
35) Dibromofluoromethane	4.28	113	97	127.27	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	254.54%	
50) Toluene-d8	7.36	98	65	33.86	ug/l	-0.37
Spiked Amount				50.000		
			Recovery	=	67.72%	
62) 4-Bromofluorobenzene	10.99	95	59	58.58	ug/l	-0.53
Spiked Amount				50.000		
			Recovery	=	117.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.06	85	79	89.55	ug/l #	41
3) Chloromethane	1.08	50	158	325.51	ug/l #	44
4) Vinyl Chloride	1.17	62	186	379.78	ug/l #	43
5) Bromomethane	1.33	94	61	179.72	ug/l #	3
6) Chloroethane	1.45	64	59	238.91	ug/l #	46
10) Methyl Iodide	2.01	142	64	72.22	ug/l #	23
11) Tert butyl alcohol	2.66	59	61	1352.64	ug/l #	74
12) 1,1-Dichloroethene	1.79	96	63	117.03	ug/l #	1
13) Acrolein	2.19	56	76	4767.01	ug/l #	12
14) Allyl chloride	2.18	41	89	132.48	ug/l #	54
15) Acrylonitrile	3.21	53	60	638.64	ug/l #	13
16) Acetone	2.36	43	69	432.70	ug/l #	64
17) Carbon Disulfide	1.93	76	62	44.95	ug/l #	74
18) Methyl Acetate	2.44	43	305	945.87	ug/l #	67
19) Methyl tert-butyl Ether	2.50	73	153	90.60	ug/l #	59
21) trans-1,2-Dichloroethene	2.46	96	66	132.61	ug/l #	1
22) Diisopropyl ether	2.96	45	76	40.25	ug/l #	37
23) Vinyl Acetate	3.34	43	180	163.15	ug/l #	84
24) 1,1-Dichloroethane	3.07	63	66	56.61	ug/l #	91
25) 2-Butanone	4.60	43	80	307.72	ug/l #	60
26) 2,2-Dichloropropane	3.68	77	74	95.93	ug/l #	62
28) Bromochloromethane	4.02	49	141	274.73	ug/l #	6
29) Tetrahydrofuran	4.26	42	67	669.15	ug/l #	38
30) Chloroform	3.89	83	86	51.06	ug/l #	17
31) Cyclohexane	3.92	56	77	127.50	ug/l #	15
32) 1,1,1-Trichloroethane	4.21	97	67	61.21	ug/l #	21
36) 1,1-Dichloropropene	4.41	75	74	84.01	ug/l #	45
37) Ethyl Acetate	4.14	43	333	786.42	ug/l #	41
40) Benzene	4.56	78	63	36.87	ug/l #	51
41) Methacrylonitrile	4.83	41	62	245.45	ug/l #	27
43) Isopropyl Acetate	6.77	43	60	94.80	ug/l #	51
46) Dibromomethane	6.16	93	106	245.41	ug/l #	3
48) Methyl methacrylate	6.68	41	88	194.68	ug/l #	13
49) 1,4-Dioxane	6.55	88	83	Below Cal	#	15

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51) 4-Methyl-2-Pentanone	8.11	43	77	171.62	ug/l #	40
56) Ethyl methacrylate	8.48	69	61	102.44	ug/l #	13
57) 1,3-Dichloropropane	8.70	76	62	73.02	ug/l #	42
59) 2-Hexanone	9.18	43	103	303.77	ug/l #	30
73) Isopropylbenzene	11.21	105	69	12.86	ug/l #	51
74) N-amyl acetate	11.48	43	75	43.66	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	11.91	83	92	78.64	ug/l #	26
77) Bromobenzene	11.75	156	89	59.20	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.04	105	79	17.58	ug/l #	29
82) 4-Chlorotoluene	12.06	91	79	18.60	ug/l #	46
84) 1,2,4-Trimethylbenzene	12.40	105	61	13.19	ug/l #	31
85) sec-Butylbenzene	12.40	105	61	11.12	ug/l #	1
86) p-Isopropyltoluene	12.58	119	61	12.78	ug/l #	50
90) Hexachloroethane	13.09	117	62	57.19	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	13.80	75	78	294.30	ug/l #	8
93) 1,2,4-Trichlorobenzene	14.27	180	64	42.70	ug/l #	12
96) 1,2,3-Trichlorobenzene	14.62	180	76	56.12	ug/l #	11

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

