

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
 Data File : VF059719.D
 Acq On : 31 Jul 2018 19:49
 Operator : VA/AP
 Sample : J4140-08
 Misc : 6.91g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-F-8(130-132)

Quant Time: Jul 31 20:05:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 05:19:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	7756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	6362	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	2266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	189	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.00	65	1984	14.23	ug/l	-0.02
Spiked Amount			Recovery	=	28.46%	
35) Dibromofluoromethane	4.29	113	2662	40.29	ug/l	0.00
Spiked Amount			Recovery	=	80.58%	
50) Toluene-d8	7.70	98	4774	30.98	ug/l	0.00
Spiked Amount			Recovery	=	61.96%	
62) 4-Bromofluorobenzene	11.50	95	323	3.79	ug/l	0.00
Spiked Amount			Recovery	=	7.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.99	85	79	Below Cal	#	44
3) Chloromethane	1.09	50	166	Below Cal	#	38
4) Vinyl Chloride	1.21	62	73	Below Cal	#	47
5) Bromomethane	1.34	94	66	Below Cal	#	4
8) Diethyl Ether	1.59	74	104	4.199	ug/l #	1
11) Tert butyl alcohol	2.62	59	80	12.850	ug/l #	74
12) 1,1-Dichloroethene	1.83	96	84	1.399	ug/l #	1
13) Acrolein	2.06	56	80	41.493	ug/l #	4
15) Acrylonitrile	3.17	53	85	9.498	ug/l #	7
16) Acetone	2.30	43	286	11.407	ug/l #	68
18) Methyl Acetate	2.48	43	192	Below Cal	#	1
20) Methylene Chloride	2.27	84	63	Below Cal	#	37
23) Vinyl Acetate	3.34	43	111	1.065	ug/l #	83
25) 2-Butanone	4.54	43	94	3.359	ug/l #	74
26) 2,2-Dichloropropane	3.88	77	151	1.503	ug/l #	66
27) cis-1,2-Dichloroethene	3.48	96	77	1.021	ug/l	1
29) Tetrahydrofuran	4.25	42	78	7.253	ug/l #	39
31) Cyclohexane	3.93	56	140	Below Cal	#	15
36) 1,1-Dichloropropene	4.43	75	85	Below Cal	#	46
37) Ethyl Acetate	4.28	43	78	Below Cal	#	19
38) Carbon Tetrachloride	4.06	117	102	1.008	ug/l #	14
41) Methacrylonitrile	4.88	41	75	1.986	ug/l #	33
43) Isopropyl Acetate	7.10	43	85	2.234	ug/l #	46
45) 1,2-Dichloropropane	6.43	63	69	2.034	ug/l #	43
46) Dibromomethane	6.25	93	60	1.863	ug/l #	8
48) Methyl methacrylate	6.85	41	76	2.656	ug/l #	69
49) 1,4-Dioxane	6.81	88	75	379.292	ug/l #	21
51) 4-Methyl-2-Pentanone	8.38	43	133	4.596	ug/l #	42
52) Toluene	7.66	92	66	Below Cal	#	1
56) Ethyl methacrylate	8.84	69	97	2.673	ug/l #	14
57) 1,3-Dichloropropane	8.87	76	92	1.541	ug/l #	41
58) 2-Chloroethyl Vinyl ether	7.66	63	77	18.378	ug/l	100
59) 2-Hexanone	9.74	43	148	6.382	ug/l	72
61) 1,2-Dibromoethane	9.09	107	61	1.501	ug/l #	4

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65) Chlorobenzene	9.82	112	86	1.897	uq/l #	43
66) 1,1,1,2-Tetrachloroethane	10.02	131	70	3.308	uq/l #	9
68) m/p-Xylenes	10.40	106	74	Below Cal	#	1
71) Bromoform	10.97	173	275	19.942	uq/l #	30
74) N-amyl acetate	11.51	43	80	25.570	uq/l #	27
75) 1,1,2,2-Tetrachloroethane	11.77	83	61	26.131	uq/l #	25
76) 1,2,3-Trichloropropane	11.98	75	66	33.249	uq/l #	39
81) trans-1,4-Dichloro-2-buten	11.98	75	66	80.285	uq/l #	9
86) p-Isopropyltoluene	12.55	119	75	1.350	uq/l #	49
87) 1,3-Dichlorobenzene	12.40	146	72	8.896	uq/l #	24
91) 1,2-Dichlorobenzene	12.85	146	80	12.166	uq/l #	24
92) 1,2-Dibromo-3-Chloropropan	13.62	75	61	106.893	uq/l #	9
93) 1,2,4-Trichlorobenzene	14.21	180	74	14.585	uq/l #	12

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

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