

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080118\
 Data File : VF059792.D
 Acq On : 2 Aug 2018 10:42
 Operator : VA/AP
 Sample : J4231-13RE
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-7RE

Quant Time: Aug 02 11:44:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	5509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	5614	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	3575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.57	152	385	50.00	ug/l	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	1283	12.96	ug/l	0.00
Spiked Amount			Recovery	=	25.92%	
35) Dibromofluoromethane	4.29	113	2054	35.23	ug/l	0.01
Spiked Amount			Recovery	=	70.46%	
50) Toluene-d8	7.71	98	5217	38.37	ug/l	0.00
Spiked Amount			Recovery	=	76.74%	
62) 4-Bromofluorobenzene	11.50	95	1580	20.99	ug/l	0.00
Spiked Amount			Recovery	=	41.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.10	85	65	Below Cal	#	44
3) Chloromethane	1.09	50	94	Below Cal	#	1
4) Vinyl Chloride	1.15	62	80	Below Cal	#	47
5) Bromomethane	1.28	94	74	Below Cal	#	4
8) Diethyl Ether	1.80	74	98	5.57	ug/l	1
11) Tert butyl alcohol	2.73	59	62	14.15	ug/l	74
12) 1,1-Dichloroethene	1.88	96	68	1.59	ug/l	1
13) Acrolein	2.03	56	60	42.92	ug/l	91
14) Allyl chloride	2.18	41	125	1.84	ug/l	1
15) Acrylonitrile	2.95	53	70	11.00	ug/l	17
16) Acetone	2.29	43	112	6.29	ug/l	68
18) Methyl Acetate	2.48	43	73	Below Cal	#	64
20) Methylene Chloride	2.27	84	114	Below Cal	#	32
21) trans-1,2-Dichloroethene	2.39	96	83	Below Cal	#	1
22) Diisopropyl ether	3.05	45	240	1.67	ug/l	86
23) Vinyl Acetate	3.28	43	85	1.15	ug/l	83
24) 1,1-Dichloroethane	3.08	63	138	1.38	ug/l	91
25) 2-Butanone	4.52	43	286	14.39	ug/l	74
26) 2,2-Dichloropropane	3.79	77	97	1.36	ug/l	66
27) cis-1,2-Dichloroethene	3.68	96	126	2.35	ug/l	1
28) Bromochloromethane	3.87	49	144	Below Cal	#	15
29) Tetrahydrofuran	4.25	42	69	9.03	ug/l	39
31) Cyclohexane	3.92	56	59	Below Cal	#	15
36) 1,1-Dichloropropene	4.42	75	158	Below Cal	#	46
37) Ethyl Acetate	4.27	43	73	Below Cal	#	19
41) Methacrylonitrile	4.91	41	110	5.27	ug/l	69
42) 1,2-Dichloroethane	5.22	62	83	1.05	ug/l	85
43) Isopropyl Acetate	7.15	43	79	2.35	ug/l	46
44) Trichloroethene	5.64	130	69	Below Cal	#	2
46) Dibromomethane	6.36	93	70	2.46	ug/l	8
48) Methyl methacrylate	6.86	41	109	4.32	ug/l	13
49) 1,4-Dioxane	6.41	88	62	349.26	ug/l	21
51) 4-Methyl-2-Pentanone	8.43	43	85	3.33	ug/l	42
52) Toluene	7.60	92	60	Below Cal	#	1

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54) cis-1,3-Dichloropropene	7.48	75	68	1.05	ug/l #	72
55) 1,1,2-Trichloroethane	8.47	97	62	2.02	ug/l #	14
56) Ethyl methacrylate	8.86	69	62	1.94	ug/l #	14
57) 1,3-Dichloropropane	8.91	76	85	1.61	ug/l #	41
59) 2-Hexanone	9.62	43	63	3.08	ug/l #	30
61) 1,2-Dibromoethane	9.00	107	90	2.51	ug/l #	4
66) 1,1,1,2-Tetrachloroethane	9.97	131	76	2.28	ug/l #	9
68) m/p-Xylenes	10.29	106	74	Below	Cal #	1
73) Isopropylbenzene	11.21	105	77	3.05	ug/l #	50
74) N-amyl acetate	11.46	43	373	58.53	ug/l #	22
75) 1,1,2,2-Tetrachloroethane	11.69	83	63	13.25	ug/l #	25
76) 1,2,3-Trichloropropane	11.87	75	160	39.57	ug/l #	39
77) Bromobenzene	11.58	156	134	20.31	ug/l #	1
78) n-propylbenzene	11.69	91	67	Below	Cal #	54
79) 2-Chlorotoluene	11.89	91	146	5.01	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.91	105	76	Below	Cal #	31
81) trans-1,4-Dichloro-2-buten	11.96	75	69	41.20	ug/l #	68
82) 4-Chlorotoluene	11.98	91	63	Below	Cal #	44
83) tert-Butylbenzene	12.17	119	67	2.95	ug/l #	26
84) 1,2,4-Trimethylbenzene	12.28	105	63	Below	Cal #	33
85) sec-Butylbenzene	12.40	105	76	Below	Cal #	57
86) p-Isopropyltoluene	12.61	119	73	Below	Cal #	49
89) n-Butylbenzene	12.91	91	232	5.79	ug/l #	29
90) Hexachloroethane	13.00	117	66	10.36	ug/l #	18
92) 1,2-Dibromo-3-Chloropropan	13.72	75	79	67.96	ug/l #	39
93) 1,2,4-Trichlorobenzene	14.10	180	129	11.72	ug/l #	12
95) Naphthalene	14.53	128	678	40.85	ug/l #	70
96) 1,2,3-Trichlorobenzene	14.74	180	62	6.76	ug/l #	13

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

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