

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080118\
 Data File : VF059779.D
 Acq On : 2 Aug 2018 3:56
 Operator : VA/AP
 Sample : J4164-08
 Misc : 11.43g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-4(7-9)

Quant Time: Aug 02 05:35:43 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	5.04	168	14845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	11753	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	6566	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	2010	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	3138	11.76	ug/l	0.01
Spiked Amount			Recovery	=	23.52%	
35) Dibromofluoromethane	4.28	113	3832	31.39	ug/l	0.00
Spiked Amount			Recovery	=	62.78%	
50) Toluene-d8	7.71	98	10728	37.69	ug/l	0.00
Spiked Amount			Recovery	=	75.38%	
62) 4-Bromofluorobenzene	11.51	95	2178	13.82	ug/l	0.00
Spiked Amount			Recovery	=	27.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.98	85	138	Below Cal	#	44
3) Chloromethane	1.09	50	92	Below Cal	#	30
4) Vinyl Chloride	1.14	62	66	Below Cal	#	47
5) Bromomethane	1.23	94	70	Below Cal	#	4
6) Chloroethane	1.47	64	67	Below Cal	#	35
11) Tert butyl alcohol	2.61	59	64	4.52	ug/l	74
13) Acrolein	2.08	56	84	30.01	ug/l	4
15) Acrylonitrile	3.09	53	90	5.28	ug/l	7
16) Acetone	2.32	43	61	1.27	ug/l	68
18) Methyl Acetate	2.41	43	118	Below Cal	#	64
20) Methylene Chloride	2.16	84	61	Below Cal	#	51
21) trans-1,2-Dichloroethene	2.43	96	66	Below Cal	#	26
23) Vinyl Acetate	3.29	43	218	1.09	ug/l	83
25) 2-Butanone	4.49	43	98	1.83	ug/l	74
28) Bromochloromethane	3.92	49	77	Below Cal	#	15
29) Tetrahydrofuran	4.47	42	67	3.26	ug/l	39
31) Cyclohexane	3.92	56	77	Below Cal	#	15
36) 1,1-Dichloropropene	4.37	75	83	Below Cal	#	46
37) Ethyl Acetate	4.32	43	148	Below Cal	#	19
39) Methylcyclohexane	5.57	83	82	Below Cal	#	13
41) Methacrylonitrile	4.90	41	143	2.15	ug/l	24
48) Methyl methacrylate	6.85	41	76	1.44	ug/l	13
49) 1,4-Dioxane	6.87	88	97	233.85	ug/l	41
51) 4-Methyl-2-Pentanone	8.43	43	66	1.23	ug/l	42
52) Toluene	7.70	92	62	Below Cal	#	1
54) cis-1,3-Dichloropropene	7.38	75	170	1.25	ug/l	18
55) 1,1,2-Trichloroethane	8.56	97	68	1.06	ug/l	24
56) Ethyl methacrylate	8.82	69	77	1.15	ug/l	14
58) 2-Chloroethyl Vinyl ether	7.62	63	65	8.40	ug/l	100
59) 2-Hexanone	9.64	43	249	5.81	ug/l	30
64) Tetrachloroethene	8.31	164	82	Below Cal	#	1
71) Bromoform	10.88	173	61	1.53	ug/l	30
74) N-amyl acetate	11.47	43	167	5.02	ug/l	48
76) 1,2,3-Trichloropropane	11.94	75	66	3.13	ug/l	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080118\
 Data File : VF059779.D
 Acq On : 2 Aug 2018 3:56
 Operator : VA/AP
 Sample : J4164-08
 Misc : 11.43g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-4(7-9)

Quant Time: Aug 02 05:35:43 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)

78) n-propylbenzene	11.67	91	72	Below Cal	#	54
79) 2-Chlorotoluene	11.67	91	72	Below Cal	#	44
81) trans-1,4-Dichloro-2-buten	11.94	75	66	7.55 ug/l	#	9
82) 4-Chlorotoluene	12.01	91	74	Below Cal	#	44
84) 1,2,4-Trimethylbenzene	12.40	105	142	Below Cal	#	33
85) sec-Butylbenzene	12.40	105	142	Below Cal	#	57
86) p-Isopropyltoluene	12.48	119	81	Below Cal	#	1
90) Hexachloroethane	12.82	117	86	2.59 ug/l	#	18
92) 1,2-Dibromo-3-Chloropropan	13.79	75	63	10.38 ug/l	#	9
94) Hexachlorobutadiene	14.26	225	71	2.15 ug/l	#	19
95) Naphthalene	14.52	128	324	3.74 ug/l	#	70
96) 1,2,3-Trichlorobenzene	14.76	180	61	1.27 ug/l	#	13

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080118\
Data File : VF059779.D
Acq On : 2 Aug 2018 3:56
Operator : VA/AP
Sample : J4164-08
Misc : 11.43q/5mL/MSVOA F/SOIL
ALS Vial : 100 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SB-4(7-9)

Quant Time: Aug 02 05:35:43 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration

