

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
 Data File : VF060602.D
 Acq On : 6 Nov 2018 8:37
 Operator : VA/AP
 Sample : J5794-07
 Misc : 5.09/5mL/MSVOA-F/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-11-S

Quant Time: Nov 06 08:26:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	18455	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.61	114	18294	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.79	117	7324	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	1150	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.86	65	2161	11.59	ug/l	0.01
Spiked Amount			Recovery	=	23.18%	
35) Dibromofluoromethane	4.13	113	3545	25.08	ug/l	0.02
Spiked Amount			Recovery	=	50.16%	
50) Toluene-d8	7.56	98	13921	33.25	ug/l	0.00
Spiked Amount			Recovery	=	66.50%	
62) 4-Bromofluorobenzene	11.42	95	2310	12.61	ug/l	0.00
Spiked Amount			Recovery	=	25.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.96	85	209	Below Cal	#	41
3) Chloromethane	1.11	50	843	5.219	ug/l #	45
5) Bromomethane	1.32	94	210	2.514	ug/l #	1
6) Chloroethane	1.37	64	131	Below Cal	#	40
8) Diethyl Ether	1.62	74	82	1.588	ug/l #	10
11) Tert butyl alcohol	2.50	59	76	1.034	ug/l #	1
12) 1,1-Dichloroethene	1.76	96	254	1.895	ug/l #	1
13) Acrolein	2.09	56	200	Below Cal		96
14) Allyl chloride	2.11	41	426	1.946	ug/l #	9
15) Acrylonitrile	2.96	53	75	3.375	ug/l #	15
16) Acetone	2.23	43	1604	36.506	ug/l	97
18) Methyl Acetate	2.37	43	779	11.784	ug/l #	64
20) Methylene Chloride	2.26	84	147	Below Cal	#	3
23) Vinyl Acetate	3.17	43	351	1.260	ug/l #	74
25) 2-Butanone	4.32	43	428	Below Cal	#	56
26) 2,2-Dichloropropane	3.62	77	566	2.818	ug/l #	57
29) Tetrahydrofuran	4.08	42	285	Below Cal	#	60
37) Ethyl Acetate	4.12	43	2273	23.507	ug/l #	20
41) Methacrylonitrile	4.79	41	330	6.026	ug/l #	50
43) Isopropyl Acetate	6.95	43	328	2.682	ug/l #	45
45) 1,2-Dichloropropane	6.28	63	135	1.080	ug/l #	43
46) Dibromomethane	6.02	93	80	1.008	ug/l #	3
47) Bromodichloromethane	6.41	83	276	1.442	ug/l #	55
48) Methyl methacrylate	6.72	41	507	6.596	ug/l #	71
51) 4-Methyl-2-Pentanone	8.25	43	862	10.480	ug/l #	37
52) Toluene	7.64	92	449	1.410	ug/l	80
55) 1,1,2-Trichloroethane	8.54	97	220	2.374	ug/l #	48
56) Ethyl methacrylate	8.62	69	333	2.793	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.63	63	98	Below Cal		100
59) 2-Hexanone	9.52	43	629	Below Cal	#	46
66) 1,1,1,2-Tetrachloroethane	9.90	131	65	1.027	ug/l #	6
74) N-amyl acetate	11.39	43	1455	65.084	ug/l #	51
75) 1,1,1,2,2-Tetrachloroethane	11.72	83	198	12.095	ug/l #	24
76) 1,2,3-Trichloropropane	11.83	75	67	8.328	ug/l #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
 Data File : VF060602.D
 Acq On : 6 Nov 2018 8:37
 Operator : VA/AP
 Sample : J5794-07
 Misc : 5.09/5mL/MSVOA-F/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-11-S

Quant Time: Nov 06 08:26:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

77) Bromobenzene	11.38	156	153	7.796	ug/l #	23
78) n-propylbenzene	11.63	91	788	7.510	ug/l #	55
79) 2-Chlorotoluene	11.74	91	626	10.446	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.80	105	785	10.619	ug/l #	24
81) trans-1,4-Dichloro-2-buten	11.83	75	67	10.597	ug/l #	11
82) 4-Chlorotoluene	11.92	91	305	4.878	ug/l #	43
84) 1,2,4-Trimethylbenzene	12.20	105	564	7.791	ug/l #	27
86) p-Isopropyltoluene	12.46	119	310	3.623	ug/l #	1
87) 1,3-Dichlorobenzene	12.51	146	220	5.712	ug/l #	24
88) 1,4-Dichlorobenzene	12.51	146	220	6.022	ug/l #	23
89) n-Butylbenzene	12.85	91	842	8.487	ug/l #	54
90) Hexachloroethane	12.94	117	72	3.309	ug/l #	14
91) 1,2-Dichlorobenzene	12.87	146	81	2.248	ug/l #	23
92) 1,2-Dibromo-3-Chloropropan	13.50	75	64	22.503	ug/l	78
95) Naphthalene	14.48	128	663	13.531	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.46	180	61	2.638	ug/l #	13

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110518\
Data File : VF060602.D
Acq On : 6 Nov 2018 8:37
Operator : VA/AP
Sample : J5794-07
Misc : 5.09/5mL/MSVOA-F/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TP-11-S

Quant Time: Nov 06 08:26:50 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration

