

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
 Data File : VF060579.D
 Acq On : 5 Nov 2018 18:46
 Operator : VA/AP
 Sample : J5741-11RE
 Misc : 7.34/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-3RE

Quant Time: Nov 06 06:56:15 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	4.94	168	72	50.00	ug/l	0.07
34) 1,4-Difluorobenzene	5.95	114	69	50.00	ug/l	0.36
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.78
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.55

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.94	65	65	89.35	ug/l	0.09
Spiked Amount	50.000		Recovery	=	178.70%	
35) Dibromofluoromethane	4.52	113	62	116.30	ug/l	0.41
Spiked Amount	50.000		Recovery	=	232.60%	
50) Toluene-d8	8.06	98	252	159.58	ug/l	0.50
Spiked Amount	50.000		Recovery	=	319.16%	
62) 4-Bromofluorobenzene	12.12	95	317	458.92	ug/l	0.70
Spiked Amount	50.000		Recovery	=	917.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.97	85	743	1069.251	ug/l #	41
3) Chloromethane	0.96	50	553	877.583	ug/l	95
4) Vinyl Chloride	1.31	62	92	158.441	ug/l #	48
5) Bromomethane	1.35	94	314	963.388	ug/l #	1
6) Chloroethane	1.42	64	183	950.280	ug/l #	40
8) Diethyl Ether	1.60	74	59	292.915	ug/l #	44
9) 1,1,2-Trichlorotrifluoroet	1.79	101	60	96.614	ug/l #	17
10) Methyl Iodide	2.00	142	64	62.624	ug/l #	1
12) 1,1-Dichloroethene	1.79	96	220	420.604	ug/l #	1
13) Acrolein	2.02	56	339	16382.745	ug/l	88
14) Allyl chloride	2.12	41	557	652.171	ug/l #	38
15) Acrylonitrile	2.97	53	248	2860.481	ug/l #	25
16) Acetone	2.18	43	435	2537.635	ug/l	99
17) Carbon Disulfide	1.80	76	66	44.795	ug/l #	1
18) Methyl Acetate	2.35	43	216	803.911	ug/l #	64
19) Methyl tert-butyl Ether	2.45	73	151	123.495	ug/l #	1
20) Methylene Chloride	2.28	84	110	236.847	ug/l #	6
21) trans-1,2-Dichloroethene	2.31	96	259	471.982	ug/l #	1
22) Diisopropyl ether	2.82	45	410	226.578	ug/l #	1
23) Vinyl Acetate	3.24	43	191	175.677	ug/l #	75
24) 1,1-Dichloroethane	2.98	63	64	61.113	ug/l #	89
25) 2-Butanone	4.41	43	78	240.742	ug/l #	56
26) 2,2-Dichloropropane	3.66	77	235	299.898	ug/l #	57
27) cis-1,2-Dichloroethene	3.52	96	149	142.235	ug/l	1
29) Tetrahydrofuran	4.16	42	926	7627.451	ug/l #	46
30) Chloroform	4.01	83	110	66.392	ug/l	83
31) Cyclohexane	3.68	56	205	141.852	ug/l #	45
32) 1,1,1-Trichloroethane	4.13	97	194	167.649	ug/l #	21
37) Ethyl Acetate	4.34	43	460	1261.307	ug/l #	17
39) Methylcyclohexane	5.79	83	263	283.670	ug/l #	45
40) Benzene	4.95	78	84	45.549	ug/l #	1
41) Methacrylonitrile	5.07	41	260	1258.872	ug/l #	71
43) Isopropyl Acetate	7.38	43	207	448.715	ug/l #	45
45) 1,2-Dichloropropane	6.55	63	79	167.497	ug/l #	43

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
 Data File : VF060579.D
 Acq On : 5 Nov 2018 18:46
 Operator : VA/AP
 Sample : J5741-11RE
 Misc : 7.34/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-3RE

Quant Time: Nov 06 06:56:15 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)
46) Dibromomethane	6.33	93	66	220.575	uq/l #	3
47) Bromodichloromethane	6.76	83	830	1150.034	uq/l #	84
48) Methyl methacrylate	7.17	41	380	1310.649	uq/l #	48
49) 1,4-Dioxane	7.16	88	59	19452.900	uq/l #	1
51) 4-Methyl-2-Pentanone	8.79	43	1438	4635.415	uq/l #	37
52) Toluene	8.16	92	70	58.271	uq/l #	1
53) t-1,3-Dichloropropene	8.87	75	64	102.030	uq/l #	1
54) cis-1,3-Dichloropropene	7.67	75	76	95.895	uq/l #	1
55) 1,1,2-Trichloroethane	9.01	97	301	861.048	uq/l #	63
56) Ethyl methacrylate	9.19	69	372	827.105	uq/l #	1
57) 1,3-Dichloropropane	9.39	76	79	128.795	uq/l #	44
58) 2-Chloroethyl Vinyl ether	8.10	63	82	3087.087	uq/l	100
59) 2-Hexanone	10.11	43	866	4668.401	uq/l #	55
60) Dibromochloromethane	9.41	129	72	147.272	uq/l #	12

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

