

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082218\
 Data File : VF060037.D
 Acq On : 22 Aug 2018 13:54
 Operator : VA/AP
 Sample : J4555-02RE
 Misc : 5.05µ/5mL/MSVOA F/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-02-3.5-4.0RE

Quant Time: Aug 23 04:25:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	8401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	10244	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	7061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.65	152	2953	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.04	65	1974	17.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.34%	
35) Dibromofluoromethane	4.31	113	2560	31.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.64%	
50) Toluene-d8	7.73	98	8689	38.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.06%	
62) 4-Bromofluorobenzene	11.52	95	3836	31.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.48%	

Target Compounds

						Qvalue
3) Chloromethane	1.08	50	710	6.68	ug/l #	40
5) Bromomethane	1.34	94	141	2.70	ug/l #	69
6) Chloroethane	1.40	64	415	15.33	ug/l #	45
10) Methyl Iodide	1.95	142	341	3.56	ug/l #	26
12) 1,1-Dichloroethene	1.66	96	88	1.65	ug/l #	1
13) Acrolein	2.08	56	62	41.17	ug/l #	8
14) Allyl chloride	2.19	41	347	3.66	ug/l #	49
16) Acetone	2.34	43	164	5.43	ug/l #	63
20) Methylene Chloride	2.30	84	299	Below Cal	#	27
23) Vinyl Acetate	3.37	43	130	1.16	ug/l #	80
25) 2-Butanone	4.54	43	60	1.53	ug/l #	58
28) Bromochloromethane	3.82	49	80	1.44	ug/l #	4
29) Tetrahydrofuran	4.42	42	149	10.05	ug/l #	37
37) Ethyl Acetate	4.26	43	59	1.02	ug/l #	1
39) Methylcyclohexane	5.78	83	179	1.98	ug/l #	18
41) Methacrylonitrile	4.95	41	173	5.94	ug/l #	23
48) Methyl methacrylate	6.87	41	577	12.03	ug/l #	47
49) 1,4-Dioxane	6.52	88	70	152.07	ug/l #	18
51) 4-Methyl-2-Pentanone	8.42	43	148	2.37	ug/l #	39
52) Toluene	7.85	92	62	Below Cal	#	50
55) 1,1,2-Trichloroethane	8.66	97	141	2.48	ug/l #	15
56) Ethyl methacrylate	8.72	69	245	3.57	ug/l #	74
58) 2-Chloroethyl Vinyl ether	7.75	63	63	11.56	ug/l	100
59) 2-Hexanone	9.64	43	367	7.25	ug/l	90
71) Bromoform	10.97	173	60	1.70	ug/l #	28
74) N-amyl acetate	11.47	43	1007	18.23	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.81	83	310	7.99	ug/l #	52
78) n-propylbenzene	11.71	91	489	2.23	ug/l #	54
79) 2-Chlorotoluene	11.88	91	383	2.97	ug/l #	42
82) 4-Chlorotoluene	11.99	91	179	1.28	ug/l #	45
83) tert-Butylbenzene	12.22	119	313	2.07	ug/l #	56
84) 1,2,4-Trimethylbenzene	12.29	105	216	1.31	ug/l #	30
85) sec-Butylbenzene	12.40	105	471	2.24	ug/l #	1
90) Hexachloroethane	12.88	117	61	1.56	ug/l #	11

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	14.55	128	86	3.03	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.71	180	91	1.51	ug/l #	11

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

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