

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120618\
 Data File : VF060931.D
 Acq On : 6 Dec 2018 21:56
 Operator : VA/AP
 Sample : J6214-29
 Misc : 5.79g/5mL/MSVOA-F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-2-(12.5-14.5)

Quant Time: Dec 07 00:25:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	3319	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.59	114	4074	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.78	117	2214	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.56	152	527	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.84	65	632	16.16	ug/l	-0.04
Spiked Amount			Recovery	=	32.32%	
35) Dibromofluoromethane	4.11	113	854	26.42	ug/l	-0.04
Spiked Amount			Recovery	=	52.84%	
50) Toluene-d8	7.55	98	3004	31.55	ug/l	-0.04
Spiked Amount			Recovery	=	63.10%	
62) 4-Bromofluorobenzene	11.41	95	613	14.17	ug/l	-0.03
Spiked Amount			Recovery	=	28.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.12	50	60	1.858	ug/l #	1
4) Vinyl Chloride	1.09	62	72	2.390	ug/l #	1
5) Bromomethane	1.32	94	375	17.655	ug/l #	2
6) Chloroethane	1.46	64	60	4.608	ug/l #	1
8) Diethyl Ether	1.64	74	98	10.545	ug/l	66
9) 1,1,2-Trichlorotrifluoroet	1.76	101	61	1.867	ug/l #	20
11) Tert butyl alcohol	2.64	59	62	38.683	ug/l #	62
12) 1,1-Dichloroethene	1.79	96	133	5.061	ug/l #	1
13) Acrolein	1.98	56	634	417.500	ug/l	94
14) Allyl chloride	2.12	41	615	18.775	ug/l #	50
15) Acrylonitrile	3.00	53	691	192.304	ug/l #	11
16) Acetone	2.13	43	468	64.909	ug/l	95
18) Methyl Acetate	2.26	43	411	33.431	ug/l	95
19) Methyl tert-butyl Ether	2.39	73	70	1.183	ug/l #	58
20) Methylene Chloride	2.19	84	205	7.750	ug/l #	52
21) trans-1,2-Dichloroethene	2.32	96	69	2.723	ug/l #	1
22) Diisopropyl ether	2.82	45	108	1.211	ug/l #	1
23) Vinyl Acetate	3.21	43	355	8.710	ug/l #	80
24) 1,1-Dichloroethane	2.88	63	66	1.244	ug/l #	86
25) 2-Butanone	4.29	43	405	32.476	ug/l #	57
26) 2,2-Dichloropropane	3.61	77	62	1.803	ug/l #	60
27) cis-1,2-Dichloroethene	3.56	96	65	1.576	ug/l	1
29) Tetrahydrofuran	4.09	42	82	15.512	ug/l #	37
31) Cyclohexane	3.69	56	62	1.126	ug/l #	15
37) Ethyl Acetate	4.08	43	377	20.530	ug/l #	14
41) Methacrylonitrile	4.76	41	145	12.328	ug/l #	23
43) Isopropyl Acetate	6.88	43	362	14.021	ug/l #	49
44) Trichloroethene	5.64	130	78	2.390	ug/l	1
48) Methyl methacrylate	6.72	41	95	5.715	ug/l #	53
51) 4-Methyl-2-Pentanone	8.21	43	305	18.012	ug/l #	38
56) Ethyl methacrylate	8.63	69	66	2.908	ug/l #	53
57) 1,3-Dichloropropane	8.88	76	82	2.294	ug/l #	41
58) 2-Chloroethyl Vinyl ether	7.21	63	88	37.904	ug/l #	46
59) 2-Hexanone	9.46	43	316	26.599	ug/l #	27

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 1,2-Dibromoethane	8.96	107	64	2.900	ug/l #	4
73) Isopropylbenzene	11.11	105	105	2.521	ug/l #	51
74) N-amyl acetate	11.39	43	189	19.653	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	11.79	83	83	12.110	ug/l #	25
85) sec-Butylbenzene	12.48	105	71	1.506	ug/l #	58
86) p-Isopropyltoluene	12.46	119	99	2.505	ug/l #	51
89) n-Butylbenzene	12.96	91	78	1.952	ug/l #	27
92) 1,2-Dibromo-3-Chloropropan	13.53	75	75	56.597	ug/l #	1

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

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