

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070518\
 Data File : VF059446.D
 Acq On : 5 Jul 2018 20:50
 Operator : VA/AP
 Sample : J3855-02
 Misc : 6.24g/5mL/MSVOA-F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S-9(7.5-8)

Quant Time: Jul 06 02:07:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	130	50.00	ug/l	-0.15
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-5.76
63) Chlorobenzene-d5	10.02	117	64	50.00	ug/l	0.12
72) 1,4-Dichlorobenzene-d4	12.62	152	73	50.00	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.82	85	67	56.410	ug/l #	40
3) Chloromethane	1.09	50	147	184.226	ug/l #	41
5) Bromomethane	1.35	94	80	167.921	ug/l #	4
6) Chloroethane	1.22	64	97	245.201	ug/l #	45
7) Trichlorofluoromethane	1.56	101	70	45.069	ug/l #	16
8) Diethyl Ether	1.64	74	68	170.753	ug/l #	1
10) Methyl Iodide	1.93	142	107	64.722	ug/l #	26
11) Tert butyl alcohol	2.63	59	66	590.256	ug/l #	66
13) Acrolein	1.94	56	80	1605.284	ug/l #	10
14) Allyl chloride	2.12	41	65	45.179	ug/l #	1
15) Acrylonitrile	2.99	53	69	350.421	ug/l #	9
16) Acetone	2.34	43	155	374.597	ug/l #	65
17) Carbon Disulfide	1.77	76	61	33.835	ug/l #	71
18) Methyl Acetate	2.38	43	60	79.842	ug/l #	61
19) Methyl tert-butyl Ether	2.48	73	67	23.437	ug/l #	63
20) Methylene Chloride	2.29	84	63	69.813	ug/l #	1
21) trans-1,2-Dichloroethene	2.27	96	64	78.280	ug/l #	1
23) Vinyl Acetate	3.22	43	75	36.964	ug/l #	1
24) 1,1-Dichloroethane	2.85	63	70	35.437	ug/l #	90
25) 2-Butanone	4.36	43	100	196.225	ug/l #	59
26) 2,2-Dichloropropane	3.62	77	69	50.645	ug/l #	62
27) cis-1,2-Dichloroethene	3.64	96	60	48.336	ug/l #	1
28) Bromochloromethane	3.76	49	62	84.676	ug/l #	6
29) Tetrahydrofuran	4.09	42	64	297.957	ug/l #	36
30) Chloroform	3.99	83	62	21.681	ug/l #	18
31) Cyclohexane	3.75	56	124	95.826	ug/l #	13
32) 1,1,1-Trichloroethane	4.15	97	61	29.150	ug/l #	21
67) Ethyl Benzene	9.92	91	92	45.729	ug/l #	44
73) Isopropylbenzene	11.23	105	64	15.049	ug/l #	51
74) N-amyl acetate	11.43	43	180	116.634	ug/l #	13
75) 1,1,2,2-Tetrachloroethane	11.64	83	59	54.932	ug/l #	24
80) 1,3,5-Trimethylbenzene	11.76	105	80	21.475	ug/l #	28
81) trans-1,4-Dichloro-2-buten	12.09	75	99	205.303	ug/l #	14
82) 4-Chlorotoluene	12.00	91	85	25.432	ug/l #	38

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83) tert-Butylbenzene	12.16	119	69	18.519	ug/l #	31
86) p-Isopropyltoluene	12.55	119	83	20.026	ug/l #	50
87) 1,3-Dichlorobenzene	12.51	146	72	35.639	ug/l #	23
88) 1,4-Dichlorobenzene	12.51	146	72	34.169	ug/l #	24
89) n-Butylbenzene	12.92	91	64	15.211	ug/l #	29
90) Hexachloroethane	12.95	117	129	124.878	ug/l #	10
91) 1,2-Dichlorobenzene	13.02	146	87	40.616	ug/l #	22
92) 1,2-Dibromo-3-Chloropropan	13.74	75	73	306.601	ug/l #	1
95) Naphthalene	14.54	128	74	22.331	ug/l #	69

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

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