

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF020819\
 Data File : VF061569.D
 Acq On : 8 Feb 2019 20:40
 Operator : VA/AP
 Sample : K1356-05
 Misc : 7.05g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-03-020819-A

Quant Time: Feb 09 04:33:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	2410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	3416	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	2622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	676	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.84	65	320	10.75	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	21.50%	
35) Dibromofluoromethane	4.12	113	738	27.38	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	54.76%	
50) Toluene-d8	7.55	98	2905	39.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	78.68%	
62) 4-Bromofluorobenzene	11.41	95	824	23.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	47.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.11	50	75	2.160	ug/l #	1
4) Vinyl Chloride	1.14	62	88	2.849	ug/l #	43
5) Bromomethane	1.32	94	351	17.427	ug/l #	2
6) Chloroethane	1.44	64	78	5.699	ug/l #	41
8) Diethyl Ether	1.56	74	62	8.059	ug/l #	1
10) Methyl Iodide	1.95	142	92	2.057	ug/l #	27
11) Tert butyl alcohol	2.68	59	60	47.640	ug/l #	1
12) 1,1-Dichloroethene	1.79	96	83	3.872	ug/l #	1
13) Acrolein	1.84	56	120	116.380	ug/l	88
14) Allyl chloride	2.09	41	138	Below Cal	#	57
15) Acrylonitrile	2.95	53	647	200.552	ug/l #	14
16) Acetone	2.25	43	352	58.970	ug/l #	61
17) Carbon Disulfide	1.70	76	154	2.304	ug/l #	69
18) Methyl Acetate	2.33	43	143	12.080	ug/l #	61
19) Methyl tert-butyl Ether	2.42	73	63	1.311	ug/l #	59
20) Methylene Chloride	2.19	84	130	4.828	ug/l #	1
21) trans-1,2-Dichloroethene	2.31	96	263	11.152	ug/l #	7
22) Diisopropyl ether	2.78	45	551	7.224	ug/l #	7
23) Vinyl Acetate	3.16	43	137	7.225	ug/l #	78
24) 1,1-Dichloroethane	2.87	63	59	1.232	ug/l #	85
25) 2-Butanone	4.31	43	88	8.865	ug/l #	57
26) 2,2-Dichloropropane	3.52	77	138	4.692	ug/l #	61
27) cis-1,2-Dichloroethene	3.39	96	67	1.925	ug/l	1
28) Bromochloromethane	3.71	49	91	4.229	ug/l #	8
29) Tetrahydrofuran	4.04	42	128	29.947	ug/l #	38
31) Cyclohexane	3.68	56	61	1.276	ug/l #	13
32) 1,1,1-Trichloroethane	4.19	97	63	1.330	ug/l #	22
37) Ethyl Acetate	4.10	43	119	7.516	ug/l #	5
39) Methylcyclohexane	5.43	83	65	1.514	ug/l #	15
41) Methacrylonitrile	4.75	41	229	27.183	ug/l #	29
43) Isopropyl Acetate	6.95	43	98	4.932	ug/l #	51
45) 1,2-Dichloropropane	6.16	63	73	3.156	ug/l #	44
47) Bromodichloromethane	6.48	83	69	1.813	ug/l #	24
48) Methyl methacrylate	6.70	41	74	5.546	ug/l #	19

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51) 4-Methyl-2-Pentanone	8.21	43	135	9.242	ug/l #	39
52) Toluene	7.62	92	554	9.545	ug/l #	29
53) t-1,3-Dichloropropene	8.23	75	66	2.184	ug/l #	44
55) 1,1,2-Trichloroethane	8.34	97	80	4.854	ug/l #	14
56) Ethyl methacrylate	8.59	69	59	3.077	ug/l #	21
59) 2-Hexanone	9.47	43	247	24.248	ug/l #	26
68) m/p-Xylenes	10.13	106	134	3.824	ug/l #	1
74) N-amyl acetate	11.37	43	102	7.846	ug/l #	47
76) 1,2,3-Trichloropropane	11.69	75	66	9.378	ug/l #	42
78) n-propylbenzene	11.60	91	64	1.073	ug/l #	54
79) 2-Chlorotoluene	11.60	91	64	1.678	ug/l #	45
82) 4-Chlorotoluene	11.92	91	62	1.611	ug/l #	43
89) n-Butylbenzene	12.93	91	87	1.648	ug/l #	27
92) 1,2-Dibromo-3-Chloropropan	13.60	75	65	37.415	ug/l #	1
95) Naphthalene	14.45	128	392	13.560	ug/l #	71

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

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