

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010719\
 Data File : VF061279.D
 Acq On : 7 Jan 2019 15:11
 Operator : VA/AP
 Sample : K1012-05
 Misc : 7.97g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-02-010419-C

Quant Time: Jan 08 00:15:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010319S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 03:27:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.84	168	1779	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.58	114	2936	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	1628	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.53	152	407	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.82	65	328	14.52	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	29.04%	
35) Dibromofluoromethane	4.10	113	539	23.86	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	47.72%	
50) Toluene-d8	7.53	98	2952	44.04	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	88.08%	
62) 4-Bromofluorobenzene	11.39	95	537	18.08	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	36.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.11	50	311	11.885	ug/l #	45
4) Vinyl Chloride	1.00	62	66	2.912	ug/l #	41
5) Bromomethane	1.31	94	764	49.302	ug/l #	37
6) Chloroethane	1.46	64	78	7.593	ug/l #	43
8) Diethyl Ether	1.71	74	95	16.326	ug/l	56
10) Methyl Iodide	1.93	142	63	1.913	ug/l #	26
11) Tert butyl alcohol	2.49	59	60	62.966	ug/l #	63
12) 1,1-Dichloroethene	1.79	96	75	4.378	ug/l #	1
13) Acrolein	2.00	56	275	356.038	ug/l	89
14) Allyl chloride	2.07	41	362	15.286	ug/l #	83
15) Acrylonitrile	2.94	53	791	310.501	ug/l #	66
16) Acetone	2.22	43	861	216.944	ug/l #	90
17) Carbon Disulfide	1.92	76	60	1.150	ug/l #	1
18) Methyl Acetate	2.35	43	773	90.134	ug/l #	59
19) Methyl tert-butyl Ether	2.40	73	62	1.736	ug/l #	1
20) Methylene Chloride	2.18	84	59	Below Cal	#	1
21) trans-1,2-Dichloroethene	2.31	96	118	6.550	ug/l #	1
22) Diisopropyl ether	2.75	45	936	15.718	ug/l #	60
23) Vinyl Acetate	3.12	43	1084	39.750	ug/l #	78
24) 1,1-Dichloroethane	2.88	63	77	2.206	ug/l #	87
25) 2-Butanone	4.33	43	150	6.121	ug/l #	62
26) 2,2-Dichloropropane	3.53	77	92	4.576	ug/l #	60
27) cis-1,2-Dichloroethene	3.40	96	69	2.606	ug/l	1
29) Tetrahydrofuran	4.09	42	455	149.201	ug/l #	38
31) Cyclohexane	3.67	56	165	4.459	ug/l #	15
36) 1,1-Dichloropropene	4.28	75	182	5.263	ug/l #	43
37) Ethyl Acetate	4.09	43	195	14.124	ug/l #	1
39) Methylcyclohexane	5.43	83	227	6.141	ug/l #	62
41) Methacrylonitrile	4.72	41	214	29.404	ug/l #	27
43) Isopropyl Acetate	6.92	43	89	4.831	ug/l #	46
47) Bromodichloromethane	6.25	83	73	2.175	ug/l #	24
48) Methyl methacrylate	6.69	41	67	5.617	ug/l #	21
49) 1,4-Dioxane	6.71	88	61	738.023	ug/l #	35
51) 4-Methyl-2-Pentanone	8.24	43	151	3.450	ug/l #	38

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52) Toluene	7.61	92	524	10.226	ug/l #	67
54) cis-1,3-Dichloropropene	7.33	75	61	1.754	ug/l #	1
56) Ethyl methacrylate	8.48	69	62	3.807	ug/l #	20
59) 2-Hexanone	9.45	43	352	38.002	ug/l #	28
68) m/p-Xylenes	10.10	106	104	4.683	ug/l #	8
71) Bromoform	10.83	173	76	12.008	ug/l #	34
74) N-amyl acetate	11.39	43	249	28.528	ug/l #	48
78) n-propylbenzene	11.57	91	69	1.674	ug/l #	55
79) 2-Chlorotoluene	11.71	91	60	2.521	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.83	105	63	2.257	ug/l #	28
84) 1,2,4-Trimethylbenzene	12.23	105	66	2.375	ug/l #	30
85) sec-Butylbenzene	12.23	105	66	1.691	ug/l #	58

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

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