

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF020719\
 Data File : VF061550.D
 Acq On : 7 Feb 2019 17:42
 Operator : VA/AP
 Sample : K1401-09
 Misc : 5.94g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RBR-200052

Quant Time: Feb 09 04:35:50 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	4.88	168	756	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.61	114	682	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.78	117	520	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.55

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.83	65	73	7.82	ug/l	0.00
Spiked Amount			Recovery	=	15.64%	
35) Dibromofluoromethane	4.12	113	149	27.69	ug/l	0.01
Spiked Amount			Recovery	=	55.38%	
50) Toluene-d8	7.55	98	749	50.80	ug/l	0.00
Spiked Amount			Recovery	=	101.60%	
62) 4-Bromofluorobenzene	11.41	95	96	13.94	ug/l	0.00
Spiked Amount			Recovery	=	27.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.11	50	67	6.151	ug/l #	44
4) Vinyl Chloride	1.13	62	154	15.895	ug/l #	43
5) Bromomethane	1.32	94	420	66.477	ug/l #	50
6) Chloroethane	1.38	64	64	14.908	ug/l #	41
7) Trichlorofluoromethane	1.49	101	63	3.345	ug/l #	19
8) Diethyl Ether	1.49	74	124	51.379	ug/l	59
9) 1,1,2-Trichlorotrifluoroet	1.90	101	68	7.514	ug/l #	20
10) Methyl Iodide	1.85	142	85	6.058	ug/l #	27
12) 1,1-Dichloroethene	1.80	96	135	20.078	ug/l #	1
13) Acrolein	2.04	56	212	607.555	ug/l	90
14) Allyl chloride	2.12	41	558	72.733	ug/l #	81
15) Acrylonitrile	2.93	53	214	211.462	ug/l #	36
16) Acetone	2.13	43	674	359.953	ug/l	93
17) Carbon Disulfide	1.81	76	66	3.148	ug/l #	1
18) Methyl Acetate	2.37	43	972	261.755	ug/l #	61
19) Methyl tert-butyl Ether	2.36	73	278	18.444	ug/l #	59
20) Methylene Chloride	2.19	84	140	21.007	ug/l #	1
21) trans-1,2-Dichloroethene	2.31	96	70	9.462	ug/l #	1
22) Diisopropyl ether	2.79	45	458	19.141	ug/l #	9
23) Vinyl Acetate	3.22	43	849	82.831	ug/l #	78
24) 1,1-Dichloroethane	2.90	63	197	13.118	ug/l #	85
25) 2-Butanone	4.39	43	1067	342.664	ug/l #	57
26) 2,2-Dichloropropane	3.58	77	76	8.237	ug/l #	1
27) cis-1,2-Dichloroethene	3.58	96	76	6.960	ug/l	1
29) Tetrahydrofuran	4.09	42	277	206.594	ug/l #	38
31) Cyclohexane	3.70	56	89	5.933	ug/l #	13
32) 1,1,1-Trichloroethane	4.12	97	123	8.277	ug/l #	22
37) Ethyl Acetate	4.12	43	177	55.997	ug/l #	5
40) Benzene	4.68	78	83	4.717	ug/l #	52
41) Methacrylonitrile	4.73	41	140	83.239	ug/l #	1
43) Isopropyl Acetate	7.00	43	108	27.224	ug/l #	51
45) 1,2-Dichloropropane	6.13	63	66	14.292	ug/l #	44
47) Bromodichloromethane	6.27	83	70	9.214	ug/l #	24
48) Methyl methacrylate	6.71	41	83	31.157	ug/l #	39

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49) 1,4-Dioxane	6.94	88	69	3912.797	ug/l #	1
51) 4-Methyl-2-Pentanone	8.25	43	111	38.060	ug/l #	39
52) Toluene	7.66	92	59	5.092	ug/l #	1
54) cis-1,3-Dichloropropene	7.14	75	88	11.670	ug/l #	28
55) 1,1,2-Trichloroethane	8.33	97	71	21.578	ug/l #	14
57) 1,3-Dichloropropane	8.89	76	74	11.998	ug/l #	43
58) 2-Chloroethyl Vinyl ether	7.28	63	72	187.133	ug/l #	47
59) 2-Hexanone	9.39	43	181	89.000	ug/l	94

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

