

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050819\
 Data File : VF062387.D
 Acq On : 8 May 2019 19:52
 Operator : FY/SY
 Sample : K2672-17
 Misc : 5.00µg/5mL/MSVOA F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-09-1.0-1.5

Quant Time: May 09 05:03:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	388	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	132	50.00	ug/l	-0.01
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.90
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.61

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	79	21.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.08%	
35) Dibromofluoromethane	4.31	113	202	192.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	384.16%	
50) Toluene-d8	7.70	98	94	36.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.86%	
62) 4-Bromofluorobenzene	11.47	95	73	63.56	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	127.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.97	85	92	20.488	ug/l #	41
3) Chloromethane	1.14	50	588	198.542	ug/l #	42
4) Vinyl Chloride	1.16	62	76	25.728	ug/l #	42
5) Bromomethane	1.38	94	88	38.924	ug/l #	3
6) Chloroethane	1.45	64	76	51.173	ug/l #	41
7) Trichlorofluoromethane	1.78	101	97	15.826	ug/l #	20
8) Diethyl Ether	1.90	74	66	71.167	ug/l	67
9) 1,1,2-Trichlorotrifluoroet	1.78	101	97	27.721	ug/l #	18
10) Methyl Iodide	1.95	142	69	11.966	ug/l #	29
11) Tert butyl alcohol	2.69	59	180	868.579	ug/l #	70
12) 1,1-Dichloroethene	1.91	96	184	61.854	ug/l #	1
13) Acrolein	2.08	56	64	522.649	ug/l #	1
14) Allyl chloride	2.18	41	95	36.152	ug/l #	5
15) Acrylonitrile	3.06	53	147	374.468	ug/l #	64
16) Acetone	2.34	43	297	400.400	ug/l #	62
17) Carbon Disulfide	1.99	76	105	16.188	ug/l #	71
18) Methyl Acetate	2.45	43	487	380.730	ug/l #	58
19) Methyl tert-butyl Ether	2.57	73	129	21.008	ug/l #	61
20) Methylene Chloride	2.51	84	60	22.357	ug/l #	5
21) trans-1,2-Dichloroethene	2.37	96	203	71.625	ug/l #	1
22) Diisopropyl ether	2.92	45	115	14.002	ug/l #	39
23) Vinyl Acetate	3.35	43	191	52.180	ug/l #	79
24) 1,1-Dichloroethane	3.05	63	69	13.901	ug/l #	86
25) 2-Butanone	4.56	43	174	186.717	ug/l #	60
26) 2,2-Dichloropropane	3.80	77	444	160.176	ug/l	88
27) cis-1,2-Dichloroethene	3.64	96	60	16.936	ug/l #	1
28) Bromochloromethane	3.92	49	62	27.542	ug/l #	1
29) Tetrahydrofuran	4.22	42	328	765.830	ug/l #	62
30) Chloroform	3.98	83	76	11.333	ug/l #	19
31) Cyclohexane	3.85	56	82	20.697	ug/l #	16
32) 1,1,1-Trichloroethane	4.45	97	63	10.961	ug/l #	14
36) 1,1-Dichloropropene	4.44	75	118	104.063	ug/l #	42
37) Ethyl Acetate	4.27	43	68	166.251	ug/l #	73
38) Carbon Tetrachloride	4.17	117	109	95.187	ug/l #	14

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	5.65	83	60	52.760	ug/l #	14
40) Benzene	4.80	78	65	26.031	ug/l #	48
41) Methacrylonitrile	4.88	41	216	794.429	ug/l #	45
42) 1,2-Dichloroethane	5.11	62	67	64.156	ug/l #	82
43) Isopropyl Acetate	7.09	43	108	209.397	ug/l #	1
44) Trichloroethene	5.71	130	65	70.863	ug/l	2
45) 1,2-Dichloropropane	6.34	63	85	150.290	ug/l #	43
46) Dibromomethane	6.18	93	76	162.071	ug/l #	1
47) Bromodichloromethane	6.60	83	79	67.383	ug/l #	27
48) Methyl methacrylate	6.87	41	675	1851.918	ug/l #	74
49) 1,4-Dioxane	6.73	88	62	16744.927	ug/l #	16
51) 4-Methyl-2-Pentanone	8.53	43	180	460.571	ug/l	94
53) t-1,3-Dichloropropene	8.28	75	69	77.814	ug/l #	1
54) cis-1,3-Dichloropropene	7.48	75	69	66.861	ug/l #	43
55) 1,1,2-Trichloroethane	8.79	97	99	202.453	ug/l #	14
56) Ethyl methacrylate	8.73	69	62	120.110	ug/l #	1
57) 1,3-Dichloropropane	9.01	76	85	115.076	ug/l #	42
58) 2-Chloroethyl Vinyl ether	7.45	63	62	399.509	ug/l #	42
59) 2-Hexanone	9.63	43	466	1724.068	ug/l	74
61) 1,2-Dibromoethane	9.15	107	73	127.016	ug/l	82

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

