

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050819\
 Data File : VF062386.D
 Acq On : 8 May 2019 19:24
 Operator : FY/SY
 Sample : K2672-15
 Misc : 5.01µ/5mL/MSVOA F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-08-1.5-2.0

Quant Time: May 09 05:03:16 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	5.07	168	69	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.05	114	64	50.00	ug/l	0.28
63) Chlorobenzene-d5	10.26	117	77	50.00	ug/l	0.36
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.61

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	69	105.82	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	211.64%	
35) Dibromofluoromethane	4.40	113	68	133.37	ug/l	0.10
Spiked Amount	50.000		Recovery	=	266.74%	
50) Toluene-d8	7.83	98	66	53.47	ug/l	0.13
Spiked Amount	50.000		Recovery	=	106.94%	
62) 4-Bromofluorobenzene	11.98	95	63	113.14	ug/l	0.50
Spiked Amount	50.000		Recovery	=	226.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.01	85	66	82.649	ug/l #	41
3) Chloromethane	1.15	50	106	201.263	ug/l #	42
4) Vinyl Chloride	1.22	62	62	118.021	ug/l #	42
5) Bromomethane	1.43	94	70	183.285	ug/l	94
6) Chloroethane	1.47	64	61	230.961	ug/l #	41
7) Trichlorofluoromethane	1.39	101	59	54.130	ug/l #	20
8) Diethyl Ether	1.53	74	77	466.884	ug/l	49
9) 1,1,2-Trichlorotrifluoroet	2.13	101	69	110.883	ug/l #	60
10) Methyl Iodide	2.08	142	159	155.050	ug/l #	23
11) Tert butyl alcohol	2.73	59	80	2170.748	ug/l #	1
12) 1,1-Dichloroethene	1.90	96	141	266.532	ug/l #	1
13) Acrolein	2.07	56	68	3237.353	ug/l #	13
14) Allyl chloride	2.18	41	662	1416.621	ug/l #	65
15) Acrylonitrile	3.11	53	95	1360.829	ug/l #	7
16) Acetone	2.35	43	286	2168.133	ug/l #	62
17) Carbon Disulfide	1.99	76	82	71.089	ug/l #	71
18) Methyl Acetate	2.49	43	267	1180.726	ug/l #	58
19) Methyl tert-butyl Ether	2.55	73	590	540.282	ug/l #	61
20) Methylene Chloride	2.40	84	62	129.910	ug/l #	1
21) trans-1,2-Dichloroethene	2.32	96	60	119.042	ug/l #	1
22) Diisopropyl ether	2.98	45	60	41.081	ug/l #	39
23) Vinyl Acetate	3.35	43	304	467.012	ug/l #	79
24) 1,1-Dichloroethane	3.09	63	166	188.055	ug/l #	86
25) 2-Butanone	4.59	43	134	808.578	ug/l #	60
26) 2,2-Dichloropropane	3.91	77	465	943.301	ug/l	86
27) cis-1,2-Dichloroethene	3.54	96	216	342.839	ug/l	31
28) Bromochloromethane	4.11	49	72	179.851	ug/l #	1
29) Tetrahydrofuran	4.31	42	155	2035.039	ug/l #	36
31) Cyclohexane	3.84	56	78	110.706	ug/l #	16
32) 1,1,1-Trichloroethane	4.28	97	72	70.444	ug/l #	22
36) 1,1-Dichloropropene	4.67	75	67	121.866	ug/l #	1
37) Ethyl Acetate	4.49	43	807	4207.590	ug/l #	73
38) Carbon Tetrachloride	4.38	117	60	108.467	ug/l #	14
39) Methylcyclohexane	5.90	83	63	114.258	ug/l #	14

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	5.03	78	221	182.545	ug/l #	48
41) Methacrylonitrile	5.15	41	357	2708.092	ug/l #	36
42) 1,2-Dichloroethane	5.40	62	69	136.272	ug/l #	82
43) Isopropyl Acetate	7.47	43	437	1747.519	ug/l #	75
45) 1,2-Dichloropropane	6.73	63	76	277.153	ug/l #	43
46) Dibromomethane	6.54	93	64	281.492	ug/l #	1
47) Bromodichloromethane	6.73	83	78	137.218	ug/l #	27
48) Methyl methacrylate	7.22	41	499	2823.660	ug/l #	17
49) 1,4-Dioxane	7.11	88	60	33435.522	ug/l #	34
51) 4-Methyl-2-Pentanone	8.87	43	169	891.877	ug/l #	40
53) t-1,3-Dichloropropene	8.73	75	61	141.884	ug/l #	43
54) cis-1,3-Dichloropropene	7.86	75	60	119.914	ug/l #	1
55) 1,1,2-Trichloroethane	9.00	97	83	350.074	ug/l #	14
56) Ethyl methacrylate	9.23	69	63	251.723	ug/l #	1
57) 1,3-Dichloropropane	9.55	76	69	192.667	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.79	63	130	1727.713	ug/l #	42
59) 2-Hexanone	10.06	43	193	1472.719	ug/l #	28
60) Dibromochloromethane	9.31	129	85	219.202	ug/l #	11
61) 1,2-Dibromoethane	9.29	107	93	333.742	ug/l #	81
64) Tetrachloroethene	8.43	164	65	103.982	ug/l #	1
66) 1,1,1,2-Tetrachloroethane	9.89	131	68	105.804	ug/l #	78
67) Ethyl Benzene	10.00	91	94	42.135	ug/l #	45
68) m/p-Xylenes	10.39	106	94	114.199	ug/l #	1
69) o-Xylene	11.02	106	64	71.955	ug/l #	33
70) Styrene	10.87	104	70	52.512	ug/l #	28

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

