

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050819\
 Data File : VF062384.D
 Acq On : 8 May 2019 18:28
 Operator : FY/SY
 Sample : K2673-07RE
 Misc : 5.10g/5mL/MSVOA F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-14-1.0-1.5RE

Quant Time: May 09 05:02:31 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	5.06	168	1953	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	736	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.61

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	328	17.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.54%	
35) Dibromofluoromethane	4.29	113	77	13.13	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	26.26%	
50) Toluene-d8	7.71	98	156	10.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.98%	
62) 4-Bromofluorobenzene	11.49	95	89	13.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	27.80%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.99	85	64	2.832	ug/l #	41
3) Chloromethane	1.15	50	72	4.830	ug/l #	42
4) Vinyl Chloride	1.19	62	63	4.237	ug/l #	42
5) Bromomethane	1.35	94	507	44.934	ug/l #	3
6) Chloroethane	1.41	64	79	10.568	ug/l #	41
8) Diethyl Ether	1.71	74	73	15.638	ug/l	62
10) Methyl Iodide	1.88	142	65	2.239	ug/l #	29
11) Tert butyl alcohol	2.69	59	77	73.817	ug/l #	1
12) 1,1-Dichloroethene	1.86	96	137	9.149	ug/l #	1
13) Acrolein	2.15	56	63	83.661	ug/l #	58
14) Allyl chloride	2.21	41	117	8.846	ug/l #	1
15) Acrylonitrile	3.09	53	167	84.517	ug/l #	36
16) Acetone	2.36	43	238	63.745	ug/l #	62
17) Carbon Disulfide	1.92	76	186	5.697	ug/l #	71
18) Methyl Acetate	2.47	43	314	45.856	ug/l #	64
19) Methyl tert-butyl Ether	2.53	73	1120	36.235	ug/l #	61
20) Methylene Chloride	2.43	84	64	4.738	ug/l #	1
21) trans-1,2-Dichloroethene	2.42	96	66	4.626	ug/l #	1
22) Diisopropyl ether	2.94	45	83	2.008	ug/l #	29
23) Vinyl Acetate	3.35	43	155	8.413	ug/l #	79
24) 1,1-Dichloroethane	3.01	63	69	2.762	ug/l #	1
25) 2-Butanone	4.52	43	367	78.240	ug/l #	60
26) 2,2-Dichloropropane	3.76	77	374	26.805	ug/l #	58
27) cis-1,2-Dichloroethene	3.71	96	353	19.795	ug/l	20
28) Bromochloromethane	3.85	49	70	6.178	ug/l #	86
29) Tetrahydrofuran	4.28	42	70	32.470	ug/l #	1
31) Cyclohexane	3.92	56	320	16.046	ug/l #	16
32) 1,1,1-Trichloroethane	4.23	97	126	4.355	ug/l #	59
36) 1,1-Dichloropropene	4.47	75	303	47.924	ug/l #	3
37) Ethyl Acetate	4.30	43	626	278.323	ug/l #	86
38) Carbon Tetrachloride	4.20	117	104	13.849	ug/l #	14
39) Methylcyclohexane	5.71	83	80	12.616	ug/l #	14
40) Benzene	4.74	78	88	6.321	ug/l #	57
41) Methacrylonitrile	4.95	41	314	207.122	ug/l #	1

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

42) 1,2-Dichloroethane	5.15	62	67	11.506	ug/l #	82
43) Isopropyl Acetate	7.11	43	408	141.874	ug/l #	48
44) Trichloroethene	5.88	130	67	13.100	ug/l	2
45) 1,2-Dichloropropane	6.36	63	82	26.003	ug/l #	43
46) Dibromomethane	6.31	93	62	23.713	ug/l #	1
47) Bromodichloromethane	6.45	83	102	15.603	ug/l #	27
48) Methyl methacrylate	6.86	41	376	185.013	ug/l #	17
49) 1,4-Dioxane	6.86	88	72	3477.065	ug/l #	1
51) 4-Methyl-2-Pentanone	8.38	43	1174	538.751	ug/l #	40
52) Toluene	7.78	92	63	7.335	ug/l #	1
53) t-1,3-Dichloropropene	8.43	75	73	14.765	ug/l #	1
54) cis-1,3-Dichloropropene	7.40	75	79	13.729	ug/l #	1
55) 1,1,2-Trichloroethane	8.77	97	126	46.212	ug/l #	14
56) Ethyl methacrylate	8.79	69	72	25.016	ug/l #	1
57) 1,3-Dichloropropane	9.00	76	60	14.568	ug/l #	42
58) 2-Chloroethyl Vinyl ether	7.47	63	79	91.297	ug/l #	42
59) 2-Hexanone	9.61	43	140	92.895	ug/l #	28
60) Dibromochloromethane	9.07	129	140	31.395	ug/l #	11
61) 1,2-Dibromoethane	9.20	107	82	25.588	ug/l #	3
65) Chlorobenzene	9.83	112	79	32.929	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	10.13	131	61	50.402	ug/l #	1
67) Ethyl Benzene	10.00	91	61	14.520	ug/l #	45
68) m/p-Xylenes	10.42	106	63	40.644	ug/l #	1
69) o-Xylene	10.84	106	82	48.957	ug/l #	1
70) Styrene	10.98	104	61	24.301	ug/l #	1
71) Bromoform	10.62	173	78	117.637	ug/l #	29

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

