

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050919\
 Data File : VF062396.D
 Acq On : 9 May 2019 15:26
 Operator : FY/SY
 Sample : K2673-05
 Misc : 5.02g/5mL/MSVOA F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-13-15-2.0

Quant Time: May 10 01:52:34 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	4.80	168	83	50.00	ug/l	-0.25
34) 1,4-Difluorobenzene	5.65	114	66	50.00	ug/l	-0.12
63) Chlorobenzene-d5	9.78	117	59	50.00	ug/l	-0.12
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.61

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.58	65	140	178.48	ug/l	-0.44
Spiked Amount	50.000		Recovery	=	356.96%	
35) Dibromofluoromethane	4.45	113	69	131.23	ug/l	0.15
Spiked Amount	50.000		Recovery	=	262.46%	
50) Toluene-d8	7.53	98	112	87.99	ug/l	-0.17
Spiked Amount	50.000		Recovery	=	175.98%	
62) 4-Bromofluorobenzene	11.49	95	72	125.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	250.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.89	85	66	68.708	ug/l #	41
3) Chloromethane	1.11	50	138	217.825	ug/l #	42
4) Vinyl Chloride	1.03	62	70	110.774	ug/l #	42
5) Bromomethane	1.32	94	93	202.709	ug/l #	3
6) Chloroethane	1.36	64	61	192.004	ug/l #	41
7) Trichlorofluoromethane	1.31	101	88	67.118	ug/l #	20
8) Diethyl Ether	1.44	74	69	347.807	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	1.87	101	61	81.492	ug/l #	12
11) Tert butyl alcohol	2.62	59	114	2571.552	ug/l #	1
12) 1,1-Dichloroethene	1.79	96	70	110.001	ug/l #	1
13) Acrolein	2.05	56	67	2647.544	ug/l #	13
14) Allvl chloride	2.09	41	459	816.543	ug/l #	31
15) Acrylonitrile	3.02	53	70	833.583	ug/l #	10
16) Acetone	2.22	43	247	1556.639	ug/l #	62
17) Carbon Disulfide	1.95	76	64	46.125	ug/l #	71
18) Methyl Acetate	2.36	43	174	638.142	ug/l #	58
19) Methyl tert-butyl Ether	2.45	73	212	161.389	ug/l #	61
20) Methylene Chloride	2.19	84	93	161.996	ug/l #	1
21) trans-1,2-Dichloroethene	2.30	96	149	245.757	ug/l #	1
22) Diisopropyl ether	2.80	45	112	63.750	ug/l #	60
23) Vinyl Acetate	3.17	43	658	840.333	ug/l #	79
24) 1,1-Dichloroethane	2.82	63	142	133.732	ug/l #	86
25) 2-Butanone	4.32	43	95	476.554	ug/l #	60
26) 2,2-Dichloropropane	3.54	77	369	622.293	ug/l	95
27) cis-1,2-Dichloroethene	3.48	96	179	236.189	ug/l #	39
28) Bromochloromethane	3.65	49	80	166.127	ug/l #	1
29) Tetrahydrofuran	4.04	42	316	3449.048	ug/l #	67
30) Chloroform	3.94	83	69	48.100	ug/l #	19
31) Cyclohexane	3.65	56	76	89.673	ug/l #	16
32) 1,1,1-Trichloroethane	4.10	97	198	161.045	ug/l #	42
36) 1,1-Dichloropropene	4.35	75	66	116.410	ug/l #	42
37) Ethyl Acetate	4.19	43	124	621.916	ug/l #	73
38) Carbon Tetrachloride	4.32	117	73	128.498	ug/l #	14
39) Methylcyclohexane	5.64	83	188	330.629	ug/l #	14

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	4.67	78	65	52.063	ug/l #	48
41) Methacrylonitrile	4.86	41	272	2000.784	ug/l #	6
42) 1,2-Dichloroethane	5.03	62	69	132.143	ug/l #	82
43) Isopropyl Acetate	6.93	43	656	2543.784	ug/l #	66
44) Trichloroethene	5.73	130	63	137.366	ug/l	2
45) 1,2-Dichloropropane	6.30	63	187	661.278	ug/l #	43
46) Dibromomethane	6.04	93	71	302.817	ug/l #	35
47) Bromodichloromethane	6.47	83	261	445.240	ug/l #	27
48) Methyl methacrylate	6.71	41	169	927.331	ug/l #	8
49) 1,4-Dioxane	6.87	88	69	37287.197	ug/l #	1
51) 4-Methyl-2-Pentanone	8.00	43	205	1049.079	ug/l	91
52) Toluene	7.49	92	79	102.570	ug/l #	1
53) t-1,3-Dichloropropene	8.18	75	153	345.090	ug/l #	1
54) cis-1,3-Dichloropropene	7.34	75	172	333.338	ug/l #	18
55) 1,1,2-Trichloroethane	8.34	97	123	503.064	ug/l #	14
56) Ethyl methacrylate	8.51	69	147	569.555	ug/l #	1
57) 1,3-Dichloropropane	8.60	76	61	165.167	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.30	63	74	953.666	ug/l #	42
59) 2-Hexanone	9.44	43	174	1287.502	ug/l	78
60) Dibromochloromethane	8.62	129	77	192.554	ug/l #	11
61) 1,2-Dibromoethane	9.05	107	60	208.793	ug/l #	3
65) Chlorobenzene	9.87	112	63	64.536	ug/l #	43
67) Ethyl Benzene	10.06	91	103	60.255	ug/l #	45
69) o-Xylene	10.58	106	63	92.440	ug/l	66
70) Styrene	10.76	104	60	58.743	ug/l #	28

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

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