

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042519\
 Data File : VF062298.D
 Acq On : 25 Apr 2019 18:04
 Operator : FY/SY
 Sample : K2564-02RE
 Misc : 4.96g/5mL/MSVOA F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 C-2_042419RE

Quant Time: Apr 26 01:10:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 08:40:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	1776	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	1909	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.98	117	65	50.00	ug/l	0.06
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.62

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.07	65	225	15.64	ug/l	0.03
Spiked Amount	50.000		Recovery	=	31.28%	
35) Dibromofluoromethane	4.31	113	578	40.84	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	81.68%	
50) Toluene-d8	7.71	98	60	1.74	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	3.48%	
62) 4-Bromofluorobenzene	11.43	95	130	9.12	ug/l	-0.07
Spiked Amount	50.000		Recovery	=	18.24%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.98	85	170	8.055	ug/l # 40
3) Chloromethane	1.17	50	192	10.799	ug/l # 44
4) Vinyl Chloride	1.18	62	67	3.979	ug/l # 44
5) Bromomethane	1.37	94	231	20.200	ug/l # 6
6) Chloroethane	1.46	64	70	9.483	ug/l # 1
7) Trichlorofluoromethane	1.38	101	92	3.438	ug/l # 15
8) Diethyl Ether	1.58	74	69	14.234	ug/l # 85
9) 1,1,2-Trichlorotrifluoroet	1.81	101	148	8.813	ug/l # 19
10) Methyl Iodide	2.04	142	73	2.487	ug/l # 1
11) Tert butyl alcohol	2.64	59	75	86.185	ug/l # 1
12) 1,1-Dichloroethene	1.84	96	211	14.082	ug/l # 1
13) Acrolein	2.12	56	332	401.750	ug/l # 95
14) Allyl chloride	2.17	41	465	28.517	ug/l # 1
15) Acrylonitrile	3.10	53	193	80.076	ug/l # 61
16) Acetone	2.34	43	389	120.773	ug/l # 56
17) Carbon Disulfide	1.97	76	111	2.815	ug/l # 69
18) Methyl Acetate	2.47	43	1107	193.415	ug/l # 59
19) Methyl tert-butyl Ether	2.53	73	127	4.446	ug/l # 1
20) Methylene Chloride	2.22	84	86	1.093	ug/l # 41
21) trans-1,2-Dichloroethene	2.41	96	76	5.133	ug/l # 1
22) Diisopropyl ether	2.95	45	88	2.005	ug/l # 43
23) Vinyl Acetate	3.35	43	1343	68.992	ug/l # 78
24) 1,1-Dichloroethane	2.98	63	60	2.395	ug/l # 89
25) 2-Butanone	4.48	43	279	54.629	ug/l # 57
26) 2,2-Dichloropropane	3.72	77	179	13.757	ug/l # 61
27) cis-1,2-Dichloroethene	3.46	96	101	5.386	ug/l # 61
28) Bromochloromethane	3.89	49	72	6.819	ug/l # 2
29) Tetrahydrofuran	4.28	42	164	73.082	ug/l # 36
30) Chloroform	4.07	83	85	2.702	ug/l # 1
31) Cyclohexane	3.89	56	262	10.990	ug/l # 3
32) 1,1,1-Trichloroethane	4.30	97	167	6.761	ug/l # 30
36) 1,1-Dichloropropene	4.45	75	70	3.975	ug/l # 1
37) Ethyl Acetate	4.29	43	321	43.323	ug/l # 2
38) Carbon Tetrachloride	4.14	117	78	4.356	ug/l # 12

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

39) Methylcyclohexane	5.52	83	61	2.967	ug/l #	1
40) Benzene	4.84	78	60	1.410	ug/l #	1
41) Methacrylonitrile	4.89	41	441	107.136	ug/l #	1
42) 1,2-Dichloroethane	5.01	62	60	4.451	ug/l #	76
43) Isopropyl Acetate	7.04	43	1094	144.487	ug/l #	46
44) Trichloroethene	5.62	130	64	4.445	ug/l	3
45) 1,2-Dichloropropane	6.29	63	176	18.345	ug/l #	45
46) Dibromomethane	6.22	93	85	12.270	ug/l #	1
47) Bromodichloromethane	6.53	83	89	5.465	ug/l #	23
48) Methyl methacrylate	6.80	41	1127	207.611	ug/l #	80
51) 4-Methyl-2-Pentanone	8.34	43	537	91.983	ug/l #	63
52) Toluene	7.90	92	65	2.647	ug/l	80
53) t-1,3-Dichloropropene	8.33	75	68	5.678	ug/l #	1
54) cis-1,3-Dichloropropene	7.41	75	127	8.278	ug/l #	1
55) 1,1,2-Trichloroethane	8.70	97	61	8.747	ug/l #	14
56) Ethyl methacrylate	8.72	69	182	23.756	ug/l #	1
57) 1,3-Dichloropropane	8.97	76	134	12.221	ug/l #	41
58) 2-Chloroethyl Vinyl ether	7.55	63	66	28.311	ug/l #	44
59) 2-Hexanone	9.58	43	242	56.950	ug/l	69
60) Dibromochloromethane	8.73	129	104	9.189	ug/l #	11
61) 1,2-Dibromoethane	8.95	107	67	8.301	ug/l	94
64) Tetrachloroethene	8.30	164	60	110.360	ug/l #	9
67) Ethyl Benzene	10.07	91	253	122.518	ug/l #	43
68) m/p-Xylenes	10.25	106	62	80.644	ug/l #	39
69) o-Xylene	10.86	106	73	84.989	ug/l	94
70) Styrene	10.78	104	78	62.818	ug/l #	28

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

