

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052919\
 Data File : VF062784.D
 Acq On : 29 May 2019 16:18
 Operator : FY/SY
 Sample : K3075-03RE
 Misc : 6.16g/5mL/MSVOA F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TEST-PIT-2RE

Quant Time: May 30 08:41:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	186	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.60	114	342	50.00	ug/l	-0.19
63) Chlorobenzene-d5	9.57	117	258	50.00	ug/l	-0.34
72) 1,4-Dichlorobenzene-d4	12.59	152	64	50.00	ug/l	-0.03

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	534	406.28	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	812.56%	
35) Dibromofluoromethane	4.21	113	61	23.31	ug/l	-0.11
Spiked Amount	50.000		Recovery	=	46.62%	
50) Toluene-d8	7.48	98	77	12.32	ug/l	-0.24
Spiked Amount	50.000		Recovery	=	24.64%	
62) 4-Bromofluorobenzene	11.13	95	312	131.66	ug/l	-0.37
Spiked Amount	50.000		Recovery	=	263.32%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.99	85	275	108.645	ug/l #	41
3) Chloromethane	1.12	50	504	216.247	ug/l	97
4) Vinyl Chloride	1.22	62	332	154.753	ug/l #	13
5) Bromomethane	1.26	94	527	449.027	ug/l	93
6) Chloroethane	1.46	64	461	585.087	ug/l #	45
7) Trichlorofluoromethane	1.50	101	186	64.570	ug/l	94
8) Diethyl Ether	1.74	74	92	161.215	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	1.89	101	83	45.250	ug/l #	19
10) Methyl Iodide	1.96	142	185	51.343	ug/l #	1
11) Tert butyl alcohol	2.67	59	391	4505.872	ug/l #	1
12) 1,1-Dichloroethene	1.85	96	331	198.098	ug/l #	1
13) Acrolein	2.20	56	671	7407.700	ug/l	89
14) Allyl chloride	2.19	41	1981	1309.971	ug/l #	78
15) Acrylonitrile	3.10	53	339	1384.923	ug/l #	1
16) Acetone	2.32	43	691	2026.457	ug/l	90
17) Carbon Disulfide	1.94	76	468	94.499	ug/l #	28
18) Methyl Acetate	2.44	43	987	1841.960	ug/l #	85
19) Methyl tert-butyl Ether	2.52	73	1219	408.106	ug/l #	1
20) Methylene Chloride	2.33	84	63	36.860	ug/l #	1
21) trans-1,2-Dichloroethene	2.39	96	464	284.112	ug/l #	7
22) Diisopropyl ether	2.92	45	231	61.934	ug/l #	1
23) Vinyl Acetate	3.33	43	1139	452.701	ug/l #	41
24) 1,1-Dichloroethane	2.99	63	254	92.831	ug/l #	86
25) 2-Butanone	4.37	43	620	851.038	ug/l	90
26) 2,2-Dichloropropane	3.79	77	1061	677.724	ug/l	97
27) cis-1,2-Dichloroethene	3.63	96	436	162.299	ug/l	20
28) Bromochloromethane	4.04	49	304	198.101	ug/l	88
29) Tetrahydrofuran	4.26	42	725	2459.231	ug/l #	41
30) Chloroform	4.03	83	917	241.385	ug/l #	74
31) Cyclohexane	3.85	56	350	95.268	ug/l #	15
32) 1,1,1-Trichloroethane	4.30	97	199	78.876	ug/l #	23
36) 1,1-Dichloropropene	4.26	75	403	114.997	ug/l	84
37) Ethyl Acetate	4.17	43	459	320.784	ug/l #	1
38) Carbon Tetrachloride	4.07	117	169	64.122	ug/l #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052919\
 Data File : VF062784.D
 Acq On : 29 May 2019 16:18
 Operator : FY/SY
 Sample : K3075-03RE
 Misc : 6.16g/5mL/MSVOA F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TEST-PIT-2RE

Quant Time: May 30 08:41:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.43	83	108	25.612	ug/l #	63
40) Benzene	4.69	78	549	57.505	ug/l #	89
41) Methacrylonitrile	4.74	41	1988	2650.082	ug/l #	56
42) 1,2-Dichloroethane	5.01	62	362	190.142	ug/l #	71
43) Isopropyl Acetate	6.91	43	1437	775.187	ug/l #	43
44) Trichloroethene	5.49	130	225	83.854	ug/l #	1
45) 1,2-Dichloropropane	6.17	63	134	55.601	ug/l #	1
46) Dibromomethane	6.07	93	368	264.213	ug/l #	3
47) Bromodichloromethane	6.36	83	201	69.514	ug/l #	11
48) Methyl methacrylate	6.67	41	388	400.445	ug/l #	29
49) 1,4-Dioxane	6.66	88	183	14746.322	ug/l #	25
51) 4-Methyl-2-Pentanone	8.13	43	1605	1266.665	ug/l #	32
52) Toluene	7.60	92	196	39.146	ug/l #	89
53) t-1,3-Dichloropropene	8.13	75	504	213.055	ug/l #	1
54) cis-1,3-Dichloropropene	7.25	75	315	95.125	ug/l #	37
55) 1,1,2-Trichloroethane	8.45	97	149	100.507	ug/l #	90
56) Ethyl methacrylate	8.54	69	164	92.855	ug/l #	1
57) 1,3-Dichloropropane	8.70	76	580	229.693	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.24	63	483	840.153	ug/l #	51
59) 2-Hexanone	9.30	43	1257	1622.626	ug/l #	77
60) Dibromochloromethane	8.63	129	208	107.652	ug/l #	12
61) 1,2-Dibromoethane	8.82	107	105	66.683	ug/l #	3
64) Tetrachloroethene	8.32	164	59	28.866	ug/l #	6
65) Chlorobenzene	9.95	112	157	30.983	ug/l #	41
66) 1,1,1,2-Tetrachloroethane	10.05	131	68	33.427	ug/l #	79
67) Ethyl Benzene	10.05	91	69	7.838	ug/l #	42
68) m/p-Xylenes	10.22	106	98	29.620	ug/l #	50
69) o-Xylene	10.93	106	167	49.004	ug/l #	48
70) Styrene	10.81	104	234	45.176	ug/l #	99
71) Bromoform	10.92	173	118	115.818	ug/l #	27
73) Isopropylbenzene	11.24	105	88	19.185	ug/l #	45
74) N-amyl acetate	11.47	43	1162	1110.041	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	11.79	83	403	429.907	ug/l #	23
76) 1,2,3-Trichloropropane	11.88	75	132	214.307	ug/l #	1
77) Bromobenzene	11.49	156	161	141.206	ug/l #	1
78) n-propylbenzene	11.69	91	253	46.605	ug/l #	50
79) 2-Chlorotoluene	11.79	91	245	80.083	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.90	105	331	89.993	ug/l #	66
81) trans-1,4-Dichloro-2-buten	11.95	75	601	2195.120	ug/l #	31
82) 4-Chlorotoluene	11.97	91	305	101.097	ug/l #	75
83) tert-Butylbenzene	12.19	119	166	44.485	ug/l #	36
84) 1,2,4-Trimethylbenzene	12.25	105	184	51.687	ug/l #	25
85) sec-Butylbenzene	12.34	105	206	41.135	ug/l #	1
86) p-Isopropyltoluene	12.46	119	236	55.919	ug/l #	51
87) 1,3-Dichlorobenzene	12.55	146	68	32.965	ug/l #	1
88) 1,4-Dichlorobenzene	12.62	146	72	37.194	ug/l #	24
89) n-Butylbenzene	12.91	91	79	18.985	ug/l #	25
90) Hexachloroethane	13.00	117	76	75.068	ug/l #	20
91) 1,2-Dichlorobenzene	12.96	146	198	107.680	ug/l #	46
92) 1,2-Dibromo-3-Chloropropan	13.69	75	90	804.794	ug/l #	1

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF052919\
Data File : VF062784.D
Acq On : 29 May 2019 16:18
Operator : FY/SY
Sample : K3075-03RE
Misc : 6.16g/5mL/MSVOA F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-2RE

Quant Time: May 30 08:41:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.23	180	161	122.322	ug/l #	11
94) Hexachlorobutadiene	14.25	225	65	70.765	ug/l #	16
95) Naphthalene	14.47	128	228	95.352	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.65	180	63	50.533	ug/l #	1

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

