

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052419\
 Data File : VF062751.D
 Acq On : 24 May 2019 17:19
 Operator : FY/SY
 Sample : K3041-10
 Misc : 4.85g/5mL/MSVOA F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-2-D2

Quant Time: May 24 23:06:59 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	5.06	168	36394	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.78	114	42903	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	16427	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	2712	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	4603	17.90	ug/l	-0.01
Spiked Amount			Recovery	=	35.80%	
35) Dibromofluoromethane	4.32	113	10227	31.15	ug/l	0.00
Spiked Amount			Recovery	=	62.30%	
50) Toluene-d8	7.72	98	28105	35.86	ug/l	0.00
Spiked Amount			Recovery	=	71.72%	
62) 4-Bromofluorobenzene	11.49	95	4015	13.51	ug/l	-0.01
Spiked Amount			Recovery	=	27.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.12	50	1416	3.105	ug/l #	40
4) Vinyl Chloride	1.18	62	583	1.389	ug/l	89
5) Bromomethane	1.34	94	503	2.190	ug/l #	77
6) Chloroethane	1.44	64	649	4.210	ug/l #	76
8) Diethyl Ether	1.71	74	542	4.854	ug/l	81
11) Tert butyl alcohol	2.69	59	431	25.384	ug/l #	1
12) 1,1-Dichloroethene	1.88	96	687	2.101	ug/l #	2
13) Acrolein	2.11	56	982	55.406	ug/l	93
14) Allyl chloride	2.19	41	1822	6.158	ug/l #	51
15) Acrylonitrile	3.08	53	162	3.382	ug/l #	30
16) Acetone	2.34	43	5093	76.334	ug/l	91
17) Carbon Disulfide	1.86	76	6574	6.784	ug/l #	64
18) Methyl Acetate	2.45	43	430	4.101	ug/l #	52
20) Methylene Chloride	2.30	84	2350	7.027	ug/l #	64
21) trans-1,2-Dichloroethene	2.45	96	468	1.465	ug/l #	77
22) Diisopropyl ether	2.92	45	1464	2.006	ug/l #	84
23) Vinyl Acetate	3.33	43	909	1.846	ug/l #	73
24) 1,1-Dichloroethane	2.99	63	578	1.080	ug/l #	27
25) 2-Butanone	4.59	43	675	4.735	ug/l	91
26) 2,2-Dichloropropane	3.69	77	623	2.034	ug/l	95
29) Tetrahydrofuran	4.22	42	2320	40.219	ug/l #	49
37) Ethyl Acetate	4.30	43	224	1.248	ug/l #	4
41) Methacrylonitrile	4.90	41	283	3.007	ug/l #	46
42) 1,2-Dichloroethane	5.18	62	420	1.759	ug/l	71
43) Isopropyl Acetate	7.14	43	482	2.073	ug/l #	96
45) 1,2-Dichloropropane	6.40	63	486	1.608	ug/l #	42
46) Dibromomethane	6.18	93	313	1.791	ug/l	85
48) Methyl methacrylate	6.89	41	816	6.713	ug/l #	41
49) 1,4-Dioxane	6.88	88	366	235.100	ug/l #	43
51) 4-Methyl-2-Pentanone	8.39	43	700	4.404	ug/l #	32
53) t-1,3-Dichloropropene	8.40	75	549	1.850	ug/l #	32
55) 1,1,2-Trichloroethane	8.61	97	1094	5.883	ug/l #	46
56) Ethyl methacrylate	8.74	69	486	2.194	ug/l #	9
57) 1,3-Dichloropropane	9.00	76	322	1.017	ug/l #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052419\
 Data File : VF062751.D
 Acq On : 24 May 2019 17:19
 Operator : FY/SY
 Sample : K3041-10
 Misc : 4.85g/5mL/MSVOA F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-2-D2

Quant Time: May 24 23:06:59 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)
58) 2-Chloroethyl Vinyl ether	7.42	63	315	4.368	ug/l #	3
59) 2-Hexanone	9.55	43	760	Below Cal		99
61) 1,2-Dibromoethane	9.13	107	325	1.645	ug/l	88
64) Tetrachloroethene	8.36	164	247	1.898	ug/l #	1
67) Ethyl Benzene	10.02	91	752	1.342	ug/l #	42
70) Styrene	10.91	104	350	1.061	ug/l #	52
71) Bromoform	10.92	173	87	1.341	ug/l #	27
73) Isopropylbenzene	11.21	105	673	3.462	ug/l	95
74) N-amyl acetate	11.47	43	1140	19.790	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	11.75	83	178	4.481	ug/l #	94
76) 1,2,3-Trichloropropane	11.90	75	283	10.843	ug/l #	61
77) Bromobenzene	11.53	156	91	1.883	ug/l #	33
78) n-propylbenzene	11.68	91	738	3.208	ug/l #	18
79) 2-Chlorotoluene	11.80	91	305	2.353	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.90	105	162	1.039	ug/l	73
81) trans-1,4-Dichloro-2-buten	11.96	75	642	55.336	ug/l #	54
82) 4-Chlorotoluene	11.96	91	329	2.573	ug/l	80
83) tert-Butylbenzene	12.19	119	703	4.446	ug/l #	42
84) 1,2,4-Trimethylbenzene	12.19	105	180	1.193	ug/l	82
85) sec-Butylbenzene	12.35	105	474	2.234	ug/l #	54
86) p-Isopropyltoluene	12.51	119	189	1.057	ug/l #	4
87) 1,3-Dichlorobenzene	12.54	146	102	1.167	ug/l #	45
88) 1,4-Dichlorobenzene	12.60	146	108	1.317	ug/l #	1
89) n-Butylbenzene	12.92	91	219	1.242	ug/l #	25
90) Hexachloroethane	12.93	117	170	3.963	ug/l #	20
91) 1,2-Dichlorobenzene	12.99	146	106	1.360	ug/l #	23
92) 1,2-Dibromo-3-Chloropropan	13.66	75	274	57.821	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.24	180	90	1.614	ug/l #	11
94) Hexachlorobutadiene	14.17	225	223	5.729	ug/l #	16
95) Naphthalene	14.50	128	115	1.135	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.65	180	156	2.953	ug/l #	11

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

