

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF053019\
 Data File : VF062796.D
 Acq On : 30 May 2019 15:31
 Operator : FY/SY
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDICCC050

Quant Time: May 31 03:43:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 03:15:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	895909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	1501506	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	1167100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	563515	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	335377	51.87	ug/l	0.00
Spiked Amount			Recovery	=	103.74%	
35) Dibromofluoromethane	4.33	113	606323	51.97	ug/l	0.00
Spiked Amount			Recovery	=	103.94%	
50) Toluene-d8	7.73	98	1536781	50.76	ug/l	0.00
Spiked Amount			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	11.51	95	550349	53.15	ug/l	0.00
Spiked Amount			Recovery	=	106.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.01	85	527907	40.913	ug/l	100
3) Chloromethane	1.15	50	446325	44.117	ug/l	100
4) Vinyl Chloride	1.20	62	451199	46.292	ug/l	100
5) Bromomethane	1.41	94	288726	50.416	ug/l	100
6) Chloroethane	1.47	64	191437	51.520	ug/l	100
7) Trichlorofluoromethane	1.57	101	682552m	49.745	ug/l	
8) Diethyl Ether	1.72	74	135239	48.837	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	1.94	101	409763	46.011	ug/l	100
10) Methyl Iodide	2.02	142	822746m	47.656	ug/l	
11) Tert butyl alcohol	2.72	59	89578	225.943	ug/l	100
12) 1,1-Dichloroethene	1.89	96	373498	47.592	ug/l	100
13) Acrolein	2.12	56	35501	232.455	ug/l	100
14) Allyl chloride	2.21	41	335496	58.518	ug/l	100
15) Acrylonitrile	3.11	53	368759	250.317	ug/l	100
16) Acetone	2.36	43	385405	256.298	ug/l	100
17) Carbon Disulfide	1.93	76	1100048	63.953	ug/l	100
18) Methyl Acetate	2.48	43	122504	41.921	ug/l	100
19) Methyl tert-butyl Ether	2.56	73	664976	46.650	ug/l	100
20) Methylene Chloride	2.36	84	381514m	43.089	ug/l	
21) trans-1,2-Dichloroethene	2.44	96	404068	49.379	ug/l	100
22) Diisopropyl ether	2.95	45	828745	49.192	ug/l	100
23) Vinyl Acetate	3.37	43	2910988	234.697	ug/l	100
24) 1,1-Dichloroethane	3.03	63	639049	50.036	ug/l	100
25) 2-Butanone	4.55	43	815246	228.229	ug/l	100
26) 2,2-Dichloropropane	3.80	77	355531	47.088	ug/l	100
27) cis-1,2-Dichloroethene	3.67	96	664576	50.297	ug/l	100
28) Bromochloromethane	3.93	49	347106	47.872	ug/l	100
29) Tetrahydrofuran	4.29	42	320186	242.622	ug/l	100
30) Chloroform	4.08	83	897902	48.070	ug/l	100
31) Cyclohexane	3.90	56	868915m	48.947	ug/l	
32) 1,1,1-Trichloroethane	4.31	97	468179	45.331	ug/l	100
36) 1,1-Dichloropropene	4.50	75	721049	49.257	ug/l	100
37) Ethyl Acetate	4.33	43	275661	46.727	ug/l	100
38) Carbon Tetrachloride	4.21	117	476486	48.638	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF053019\
 Data File : VF062796.D
 Acq On : 30 May 2019 15:31
 Operator : FY/SY
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDICCC050

Quant Time: May 31 03:43:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 03:15:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.65	83	909669	50.969	ug/l	100
40) Benzene	4.85	78	2192644	50.770	ug/l	100
41) Methacrylonitrile	4.95	41	147558	46.052	ug/l	100
42) 1,2-Dichloroethane	5.15	62	402023	50.087	ug/l	100
43) Isopropyl Acetate	7.13	43	350532	47.941	ug/l	100
44) Trichloroethene	5.70	130	585949	48.429	ug/l	100
45) 1,2-Dichloropropane	6.43	63	537076	50.506	ug/l	100
46) Dibromomethane	6.29	93	300649	48.635	ug/l	100
47) Bromodichloromethane	6.58	83	623279	49.492	ug/l	100
48) Methyl methacrylate	6.90	41	198815	53.340	ug/l	100
49) 1,4-Dioxane	6.89	88	45748	1017.637	ug/l	100
51) 4-Methyl-2-Pentanone	8.42	43	1243793	221.156	ug/l	100
52) Toluene	7.80	92	1127089	49.864	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	529838	50.823	ug/l	100
54) cis-1,3-Dichloropropene	7.48	75	768345	50.921	ug/l	100
55) 1,1,2-Trichloroethane	8.65	97	334155	48.293	ug/l	100
56) Ethyl methacrylate	8.78	69	366128	51.583	ug/l	100
57) 1,3-Dichloropropane	9.02	76	562433	49.961	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.47	63	624442	248.417	ug/l	100
59) 2-Hexanone	9.64	43	882102	224.170	ug/l	100
60) Dibromochloromethane	8.88	129	440308	52.753	ug/l	100
61) 1,2-Dibromoethane	9.15	107	356738	52.206	ug/l	100
64) Tetrachloroethene	8.33	164	480404	49.332	ug/l	100
65) Chlorobenzene	9.95	112	1171903	49.519	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.08	131	459330	49.686	ug/l	100
67) Ethyl Benzene	10.05	91	1969550	47.745	ug/l	100
68) m/p-Xylenes	10.28	106	1528055	99.286	ug/l	100
69) o-Xylene	10.83	106	803634	51.513	ug/l	100
70) Styrene	10.91	104	1168810	50.955	ug/l	100
71) Bromoform	10.90	173	230989	51.391	ug/l #	100
73) Isopropylbenzene	11.23	105	2075438	48.684	ug/l	100
74) N-amyl acetate	11.46	43	539915	44.642	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.79	83	433815	47.094	ug/l	100
76) 1,2,3-Trichloropropane	11.88	75	278935	47.080	ug/l	100
77) Bromobenzene	11.60	156	502557	48.135	ug/l	100
78) n-propylbenzene	11.69	91	2481128	46.896	ug/l	100
79) 2-Chlorotoluene	11.81	91	1415533	48.844	ug/l	100
80) 1,3,5-Trimethylbenzene	11.90	105	1690827	48.650	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.95	75	126319m	40.827	ug/l	
82) 4-Chlorotoluene	11.98	91	1384542	48.205	ug/l	100
83) tert-Butylbenzene	12.21	119	1646180	48.764	ug/l	100
84) 1,2,4-Trimethylbenzene	12.28	105	1583597	47.736	ug/l	100
85) sec-Butylbenzene	12.38	105	2274075	49.299	ug/l	100
86) p-Isopropyltoluene	12.54	119	1801686	47.477	ug/l	100
87) 1,3-Dichlorobenzene	12.54	146	861664	45.965	ug/l	100
88) 1,4-Dichlorobenzene	12.63	146	823024	47.091	ug/l	100
89) n-Butylbenzene	12.91	91	1759326	44.975	ug/l	100
90) Hexachloroethane	12.99	117	464491	51.551	ug/l	100
91) 1,2-Dichlorobenzene	13.01	146	793002	48.180	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.70	75	47575	48.519	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF053019\
Data File : VF062796.D
Acq On : 30 May 2019 15:31
Operator : FY/SY
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDICCC050

Quant Time: May 31 03:43:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 03:15:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.25	180	550145	49.250	ug/l	100
94) Hexachlorobutadiene	14.24	225	392366	51.121	ug/l	100
95) Naphthalene	14.51	128	908365	51.199	ug/l	100
96) 1,2,3-Trichlorobenzene	14.64	180	497907	50.352	ug/l	100

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

