

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042419\
 Data File : VF062277.D
 Acq On : 24 Apr 2019 12:45
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 25 07:34:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 07:31:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	487299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	715018	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	501864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	279989	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.04	65	198323	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	
35) Dibromofluoromethane	4.32	113	252331	46.37	ug/l	0.00
Spiked Amount			Recovery	=	92.74%	
50) Toluene-d8	7.72	98	685098	52.72	ug/l	0.00
Spiked Amount			Recovery	=	105.44%	
62) 4-Bromofluorobenzene	11.51	95	234364	42.79	ug/l	0.00
Spiked Amount			Recovery	=	85.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.01	85	274577	45.545	ug/l	99
3) Chloromethane	1.16	50	236649	46.871	ug/l	96
4) Vinyl Chloride	1.19	62	228893	48.326	ug/l	91
5) Bromomethane	1.40	94	158304	49.519	ug/l	95
6) Chloroethane	1.45	64	110262	53.131	ug/l	97
7) Trichlorofluoromethane	1.56	101	365693	48.944	ug/l	94
8) Diethyl Ether	1.72	74	63755	47.478	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	1.92	101	224871	48.016	ug/l	99
10) Methyl Iodide	1.99	142	395746	48.547	ug/l	99
11) Tert butyl alcohol	2.70	59	58042	246.701	ug/l	96
12) 1,1-Dichloroethene	1.88	96	209195	48.679	ug/l	96
13) Acrolein	2.10	56	26233	168.357	ug/l	96
14) Allyl chloride	2.20	41	245101	37.830	ug/l #	72
15) Acrylonitrile	3.10	53	151248	222.278	ug/l	98
16) Acetone	2.36	43	248949	281.986	ug/l	97
17) Carbon Disulfide	1.91	76	463125	41.562	ug/l	98
18) Methyl Acetate	2.47	43	85748	39.173	ug/l	95
19) Methyl tert-butyl Ether	2.56	73	385720	48.715	ug/l	98
20) Methylene Chloride	2.35	84	133950	23.982	ug/l	98
21) trans-1,2-Dichloroethene	2.43	96	191248	46.334	ug/l	95
22) Diisopropyl ether	2.95	45	577809	46.856	ug/l	100
23) Vinyl Acetate	3.35	43	1318668	246.820	ug/l	100
24) 1,1-Dichloroethane	3.02	63	343150	49.604	ug/l	97
25) 2-Butanone	4.54	43	356309	254.648	ug/l	100
26) 2,2-Dichloropropane	3.79	77	183973	50.920	ug/l	98
27) cis-1,2-Dichloroethene	3.66	96	253977	48.103	ug/l	97
28) Bromochloromethane	3.92	49	135385	44.750	ug/l #	99
29) Tetrahydrofuran	4.28	42	142856	234.243	ug/l	99
30) Chloroform	4.06	83	413118	47.877	ug/l	99
31) Cyclohexane	3.89	56	329642	49.260	ug/l	99
32) 1,1,1-Trichloroethane	4.30	97	322533	50.192	ug/l #	93
36) 1,1-Dichloropropene	4.49	75	304827	44.886	ug/l	100
37) Ethyl Acetate	4.31	43	119614	42.897	ug/l #	78
38) Carbon Tetrachloride	4.19	117	312782	47.137	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.64	83	385408	48.159	ug/l	98
40) Benzene	4.83	78	753160	45.981	ug/l	99
41) Methacrylonitrile	4.94	41	71729	46.054	ug/l	90
42) 1,2-Dichloroethane	5.14	62	242153	48.140	ug/l	99
43) Isopropyl Acetate	7.13	43	127553	43.371	ug/l #	99
44) Trichloroethene	5.70	130	245746	44.359	ug/l	97
45) 1,2-Dichloropropane	6.42	63	177615	49.226	ug/l	96
46) Dibromomethane	6.27	93	134917	51.619	ug/l	97
47) Bromodichloromethane	6.57	83	299358	48.651	ug/l	99
48) Methyl methacrylate	6.89	41	94362	46.760	ug/l	98
49) 1,4-Dioxane	6.88	88	21855	946.272	ug/l	97
51) 4-Methyl-2-Pentanone	8.41	43	500780	222.544	ug/l	100
52) Toluene	7.79	92	442490	47.100	ug/l	99
53) t-1,3-Dichloropropene	8.43	75	216808	48.382	ug/l	97
54) cis-1,3-Dichloropropene	7.46	75	276412	47.503	ug/l	99
55) 1,1,2-Trichloroethane	8.65	97	127463	49.640	ug/l	96
56) Ethyl methacrylate	8.77	69	112333	39.134	ug/l	97
57) 1,3-Dichloropropane	9.00	76	191790	47.494	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.45	63	181858	205.080	ug/l	99
59) 2-Hexanone	9.63	43	322554	146.988	ug/l	99
60) Dibromochloromethane	8.86	129	202637	48.975	ug/l	98
61) 1,2-Dibromoethane	9.14	107	140316	46.894	ug/l	99
64) Tetrachloroethene	8.31	164	217686	50.464	ug/l	97
65) Chlorobenzene	9.94	112	448825	48.219	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.07	131	212266	47.311	ug/l	99
67) Ethyl Benzene	10.04	91	757249	45.863	ug/l	98
68) m/p-Xylenes	10.27	106	566255	92.883	ug/l	100
69) o-Xylene	10.83	106	323222	47.231	ug/l	98
70) Styrene	10.89	104	432211	43.656	ug/l	99
71) Bromoform	10.88	173	117601	48.294	ug/l	97
73) Isopropylbenzene	11.22	105	956445	47.848	ug/l	96
74) N-amyl acetate	11.46	43	174530	38.456	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.77	83	150395	50.312	ug/l	99
76) 1,2,3-Trichloropropane	11.88	75	99250	46.010	ug/l #	100
77) Bromobenzene	11.58	156	221295	45.902	ug/l	99
78) n-propylbenzene	11.68	91	932266	44.817	ug/l	100
79) 2-Chlorotoluene	11.80	91	568722	46.003	ug/l	99
80) 1,3,5-Trimethylbenzene	11.90	105	780494	46.666	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.95	75	57564	45.955	ug/l #	68
82) 4-Chlorotoluene	11.98	91	556967	45.462	ug/l	97
83) tert-Butylbenzene	12.21	119	831641	47.424	ug/l	98
84) 1,2,4-Trimethylbenzene	12.27	105	753957	45.840	ug/l	98
85) sec-Butylbenzene	12.37	105	1043715	47.945	ug/l	99
86) p-Isopropyltoluene	12.52	119	910802	47.003	ug/l	99
87) 1,3-Dichlorobenzene	12.54	146	382540	43.608	ug/l	100
88) 1,4-Dichlorobenzene	12.63	146	380899	46.305	ug/l	99
89) n-Butylbenzene	12.91	91	785449	43.465	ug/l	100
90) Hexachloroethane	12.98	117	236063	49.102	ug/l	100
91) 1,2-Dichlorobenzene	13.00	146	370962	43.990	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.69	75	30199	49.700	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.25	180	335557	44.911	ug/l	98
94) Hexachlorobutadiene	14.24	225	245111	46.220	ug/l	99
95) Naphthalene	14.50	128	525651	47.382	ug/l	100
96) 1,2,3-Trichlorobenzene	14.64	180	332065	48.287	ug/l	100

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

