

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042319\
 Data File : VF062257.D
 Acq On : 23 Apr 2019 10:36
 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 23 10:59:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 23:52:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	379555	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.78	114	597017	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.91	117	441695	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	229439	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	203357	58.43	ug/l	0.02
Spiked Amount						
			Recovery	=	116.86%	
35) Dibromofluoromethane	4.32	113	277213	53.08	ug/l	0.02
Spiked Amount						
			Recovery	=	106.16%	
50) Toluene-d8	7.72	98	723002	54.69	ug/l	0.02
Spiked Amount						
			Recovery	=	109.38%	
62) 4-Bromofluorobenzene	11.50	95	254580	50.06	ug/l	0.02
Spiked Amount						
			Recovery	=	100.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.00	85	287700	49.878	ug/l	95
3) Chloromethane	1.15	50	270628	45.393	ug/l	98
4) Vinyl Chloride	1.19	62	252505	49.298	ug/l	98
5) Bromomethane	1.39	94	164581	55.312	ug/l	88
6) Chloroethane	1.45	64	116150	54.244	ug/l	98
7) Trichlorofluoromethane	1.56	101	370092	56.875	ug/l	96
8) Diethyl Ether	1.71	74	65692	48.506	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	1.91	101	235405	52.956	ug/l	97
10) Methyl Iodide	1.99	142	430236	54.480	ug/l #	89
11) Tert butyl alcohol	2.70	59	60329	249.374	ug/l #	93
12) 1,1-Dichloroethene	1.87	96	217881	51.532	ug/l	96
13) Acrolein	2.11	56	24615	231.348	ug/l	86
14) Allyl chloride	2.21	41	362065	74.618	ug/l	95
15) Acrylonitrile	3.09	53	196365	266.498	ug/l	100
16) Acetone	2.35	43	262488	315.533	ug/l	95
17) Carbon Disulfide	1.92	76	605931	51.574	ug/l	100
18) Methyl Acetate	2.47	43	80804	44.442	ug/l	100
19) Methyl tert-butyl Ether	2.55	73	381232	51.069	ug/l	97
20) Methylene Chloride	2.34	84	206225m	50.543	ug/l	
21) trans-1,2-Dichloroethene	2.43	96	209231	50.041	ug/l	97
22) Diisopropyl ether	2.95	45	630474	50.795	ug/l	99
23) Vinyl Acetate	3.35	43	1360828	230.114	ug/l	100
24) 1,1-Dichloroethane	3.02	63	368043	54.205	ug/l	98
25) 2-Butanone	4.53	43	392424	235.917	ug/l	98
26) 2,2-Dichloropropane	3.78	77	203652	59.408	ug/l	95
27) cis-1,2-Dichloroethene	3.65	96	280787	51.857	ug/l	95
28) Bromochloromethane	3.91	49	156507	48.118	ug/l #	89
29) Tetrahydrofuran	4.28	42	158939	211.099	ug/l	97
30) Chloroform	4.06	83	430970	51.647	ug/l	99
31) Cyclohexane	3.89	56	376198	46.234	ug/l	98
32) 1,1,1-Trichloroethane	4.30	97	351176	57.494	ug/l #	88
36) 1,1-Dichloropropene	4.48	75	330408	46.160	ug/l	100
37) Ethyl Acetate	4.31	43	131517	38.937	ug/l #	98
38) Carbon Tetrachloride	4.20	117	410215	64.746	ug/l	96

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39) Methylcyclohexane	5.65	83	438528	51.169	ug/l	96
40) Benzene	4.83	78	810102	43.148	ug/l	97
41) Methacrylonitrile	4.95	41	79002	40.549	ug/l #	67
42) 1,2-Dichloroethane	5.13	62	238843	48.121	ug/l	99
43) Isopropyl Acetate	7.12	43	150483	42.360	ug/l #	99
44) Trichloroethene	5.70	130	273401	53.890	ug/l	97
45) 1,2-Dichloropropane	6.41	63	199228	48.174	ug/l	97
46) Dibromomethane	6.27	93	140189	50.950	ug/l	91
47) Bromodichloromethane	6.56	83	314898	50.715	ug/l	99
48) Methyl methacrylate	6.89	41	97246	41.653	ug/l	92
49) 1,4-Dioxane	6.87	88	23223	867.348	ug/l	96
51) 4-Methyl-2-Pentanone	8.41	43	554150	209.724	ug/l	100
52) Toluene	7.79	92	482445	48.748	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	208742	44.760	ug/l	94
54) cis-1,3-Dichloropropene	7.47	75	313988	49.774	ug/l	98
55) 1,1,2-Trichloroethane	8.64	97	132723	47.872	ug/l	98
56) Ethyl methacrylate	8.76	69	145564	46.179	ug/l	98
57) 1,3-Dichloropropane	9.00	76	215264	48.083	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.46	63	211838	231.472	ug/l	96
59) 2-Hexanone	9.63	43	376205	228.329	ug/l	96
60) Dibromochloromethane	8.87	129	221142	53.634	ug/l	100
61) 1,2-Dibromoethane	9.14	107	156077	49.968	ug/l	95
64) Tetrachloroethene	8.32	164	214476	53.790	ug/l	95
65) Chlorobenzene	9.93	112	501258	53.222	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.06	131	244021	55.327	ug/l	98
67) Ethyl Benzene	10.03	91	872282	50.933	ug/l	99
68) m/p-Xylenes	10.27	106	645878	102.447	ug/l	93
69) o-Xylene	10.82	106	354261	50.611	ug/l	99
70) Styrene	10.90	104	482449	48.841	ug/l	99
71) Bromoform	10.88	173	123809	53.167	ug/l	99
73) Isopropylbenzene	11.22	105	1020149	51.761	ug/l	99
74) N-amyl acetate	11.45	43	213077	45.362	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.78	83	165838	48.927	ug/l	99
76) 1,2,3-Trichloropropane	11.88	75	110716	47.478	ug/l #	1
77) Bromobenzene	11.59	156	238945	56.595	ug/l	89
78) n-propylbenzene	11.68	91	1029725	49.527	ug/l	97
79) 2-Chlorotoluene	11.80	91	645112	51.151	ug/l	96
80) 1,3,5-Trimethylbenzene	11.90	105	865389	52.719	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.94	75	66263	55.716	ug/l #	86
82) 4-Chlorotoluene	11.97	91	607416	49.835	ug/l	95
83) tert-Butylbenzene	12.20	119	903305	53.213	ug/l	98
84) 1,2,4-Trimethylbenzene	12.27	105	792914	49.916	ug/l	99
85) sec-Butylbenzene	12.37	105	1136183	51.554	ug/l	98
86) p-Isopropyltoluene	12.53	119	969213	51.844	ug/l	99
87) 1,3-Dichlorobenzene	12.55	146	413317	52.754	ug/l	99
88) 1,4-Dichlorobenzene	12.62	146	387360	51.258	ug/l	99
89) n-Butylbenzene	12.90	91	875916	57.779	ug/l	98
90) Hexachloroethane	12.98	117	256792	53.492	ug/l	88
91) 1,2-Dichlorobenzene	13.00	146	412175	54.483	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.69	75	31795	47.745	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.24	180	355738	56.201	ug/l	99
94) Hexachlorobutadiene	14.23	225	260383	59.993	ug/l	99
95) Naphthalene	14.50	128	599187	54.139	ug/l	99
96) 1,2,3-Trichlorobenzene	14.64	180	354925	58.407	ug/l	99

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

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