

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD030819\
 Data File : VD060976.D
 Acq On : 8 Mar 2019 10:33
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 08 23:30:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	792755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1363660	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	1001459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	462917	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	292484	44.32	ug/l	0.00
Spiked Amount						
			Recovery	=		88.64%
35) Dibromofluoromethane	6.91	113	481474	47.58	ug/l	-0.01
Spiked Amount						
			Recovery	=		95.16%
50) Toluene-d8	10.40	98	1161252	45.69	ug/l	0.00
Spiked Amount						
			Recovery	=		91.38%
62) 4-Bromofluorobenzene	13.55	95	466643	47.32	ug/l	0.00
Spiked Amount						
			Recovery	=		94.64%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	351206	44.724	ug/l	99
3) Chloromethane	1.77	50	292577	44.726	ug/l	99
4) Vinyl Chloride	1.86	62	290049	47.985	ug/l	95
5) Bromomethane	2.16	94	60453	58.341	ug/l	93
6) Chloroethane	2.28	64	94610	52.292	ug/l	95
7) Trichlorofluoromethane	2.54	101	415563	47.857	ug/l	97
8) Diethyl Ether	2.88	74	132723	46.332	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.15	101	450328	46.387	ug/l	99
10) Methyl Iodide	3.31	142	543920	41.231	ug/l	98
11) Tert butyl alcohol	4.05	59	103548	246.490	ug/l	97
12) 1,1-Dichloroethene	3.13	96	375108	47.138	ug/l	95
13) Acrolein	3.04	56	145787	239.847	ug/l	93
14) Allyl chloride	3.63	41	602974	47.358	ug/l	97
15) Acrylonitrile	4.19	53	329903	222.197	ug/l	97
16) Acetone	3.22	43	530852	281.324	ug/l	99
17) Carbon Disulfide	3.38	76	1268942	47.272	ug/l	99
18) Methyl Acetate	3.64	43	175075	47.145	ug/l	94
19) Methyl tert-butyl Ether	4.24	73	648571	46.506	ug/l	96
20) Methylene Chloride	3.82	84	406137	46.916	ug/l	98
21) trans-1,2-Dichloroethene	4.22	96	416194	48.321	ug/l	97
22) Diisopropyl ether	5.11	45	1222288	46.245	ug/l	98
23) Vinyl Acetate	5.05	43	3125079	230.325	ug/l	99
24) 1,1-Dichloroethane	4.98	63	694447	47.954	ug/l	99
25) 2-Butanone	6.06	43	568030	265.286	ug/l	99
26) 2,2-Dichloropropane	6.02	77	567599	50.208	ug/l	98
27) cis-1,2-Dichloroethene	6.03	96	455338	49.827	ug/l	99
28) Bromochloromethane	6.43	49	283306	46.211	ug/l	99
29) Tetrahydrofuran	6.44	42	245012	210.732	ug/l	99
30) Chloroform	6.66	83	708418	47.200	ug/l	99
31) Cyclohexane	6.94	56	608716	52.130	ug/l	98
32) 1,1,1-Trichloroethane	6.86	97	633474	48.819	ug/l	99
36) 1,1-Dichloropropene	7.14	75	529769	45.069	ug/l	99
37) Ethyl Acetate	6.17	43	238500	43.238	ug/l	99
38) Carbon Tetrachloride	7.10	117	673872	52.045	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	563820	46.258	ug/l	98
40) Benzene	7.45	78	1307442	44.514	ug/l	99
41) Methacrylonitrile	6.44	41	269844	42.531	ug/l #	92
42) 1,2-Dichloroethane	7.56	62	390848	45.855	ug/l	100
43) Isopropyl Acetate	9.23	43	352620	46.155	ug/l #	98
44) Trichloroethene	8.53	130	492636	48.617	ug/l	96
45) 1,2-Dichloropropane	8.92	63	351995	45.615	ug/l	98
46) Dibromomethane	9.05	93	224267	45.817	ug/l	98
47) Bromodichloromethane	9.37	83	552346	50.006	ug/l	98
48) Methyl methacrylate	9.11	41	194471	45.210	ug/l	100
49) 1,4-Dioxane	9.07	88	39573	909.806	ug/l	96
51) 4-Methyl-2-Pentanone	10.28	43	982527	209.925	ug/l	100
52) Toluene	10.50	92	861356	47.160	ug/l	98
53) t-1,3-Dichloropropene	10.90	75	475928	47.121	ug/l	97
54) cis-1,3-Dichloropropene	10.02	75	585924	48.282	ug/l	98
55) 1,1,2-Trichloroethane	11.18	97	267520	43.982	ug/l	98
56) Ethyl methacrylate	11.03	69	299366	47.022	ug/l	99
57) 1,3-Dichloropropane	11.39	76	416307	45.801	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.85	63	726421	215.557	ug/l	99
59) 2-Hexanone	11.52	43	755198	220.581	ug/l	99
60) Dibromochloromethane	11.68	129	448012	50.048	ug/l	100
61) 1,2-Dibromoethane	11.80	107	304091	42.977	ug/l	97
64) Tetrachloroethene	11.25	164	353476	52.287	ug/l	100
65) Chlorobenzene	12.39	112	921042	46.913	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.51	131	377249	53.907	ug/l	100
67) Ethyl Benzene	12.52	91	1565043	53.545	ug/l	99
68) m/p-Xylenes	12.66	106	1285117	112.022	ug/l	100
69) o-Xylene	13.04	106	560500	49.705	ug/l	98
70) Styrene	13.07	104	868729	47.179	ug/l	98
71) Bromoform	13.22	173	225358	49.918	ug/l	97
73) Isopropylbenzene	13.39	105	1578038	47.301	ug/l	98
74) N-amyl acetate	13.25	43	440049	46.845	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.69	83	315821	48.521	ug/l	99
76) 1,2,3-Trichloropropane	13.73	75	304102	45.662	ug/l	99
77) Bromobenzene	13.66	156	416751	48.936	ug/l	84
78) n-propylbenzene	13.77	91	1802270	46.146	ug/l	97
79) 2-Chlorotoluene	13.83	91	1061739	49.379	ug/l	97
80) 1,3,5-Trimethylbenzene	14.23	105	1270982	50.183	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.46	75	99973	50.916	ug/l	98
82) 4-Chlorotoluene	13.94	91	1151450	45.298	ug/l	96
83) tert-Butylbenzene	14.18	119	1514701	54.648	ug/l	93
84) 1,2,4-Trimethylbenzene	14.23	105	1270982	50.183	ug/l	100
85) sec-Butylbenzene	14.36	105	1750437	51.731	ug/l	96
86) p-Isopropyltoluene	14.48	119	1337699	48.365	ug/l	99
87) 1,3-Dichlorobenzene	14.44	146	774846	50.953	ug/l	95
88) 1,4-Dichlorobenzene	14.53	146	704855	47.168	ug/l	98
89) n-Butylbenzene	14.79	91	1204550	45.350	ug/l	98
90) Hexachloroethane	15.00	117	394330	50.490	ug/l	74
91) 1,2-Dichlorobenzene	14.80	146	607766	47.941	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.37	75	36039	45.947	ug/l	78

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	314313	53.445	ug/l	97
94) Hexachlorobutadiene	16.03	225	220747	49.625	ug/l	97
95) Naphthalene	16.12	128	442837	49.551	ug/l	100
96) 1,2,3-Trichlorobenzene	16.27	180	140389	48.332	ug/l	99

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

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