

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030819\
 Data File : VD060995.D
 Acq On : 8 Mar 2019 21:04
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 08 23:08:13 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	7.06	168	722278	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	1241390	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	1038550	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	451766	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	276737	46.03	ug/l	0.01
Spiked Amount			Recovery	=	92.06%	
35) Dibromofluoromethane	6.93	113	465527	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	
50) Toluene-d8	10.41	98	1076394	46.53	ug/l	0.01
Spiked Amount			Recovery	=	93.06%	
62) 4-Bromofluorobenzene	13.55	95	435435	48.51	ug/l	0.00
Spiked Amount			Recovery	=	97.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	341614	47.747	ug/l	100
3) Chloromethane	1.76	50	290730	48.780	ug/l	97
4) Vinyl Chloride	1.86	62	261508	47.485	ug/l	97
5) Bromomethane	2.16	94	57226	61.387	ug/l	94
6) Chloroethane	2.28	64	85640	51.953	ug/l	93
7) Trichlorofluoromethane	2.54	101	363597	45.959	ug/l	96
8) Diethyl Ether	2.88	74	145193	55.631	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.17	101	441817	49.951	ug/l	96
10) Methyl Iodide	3.31	142	604381	49.640	ug/l	99
11) Tert butyl alcohol	4.06	59	112774	294.646	ug/l	99
12) 1,1-Dichloroethene	3.14	96	372193	51.336	ug/l	97
13) Acrolein	3.04	56	122469	221.145	ug/l	98
14) Allyl chloride	3.63	41	625891	53.955	ug/l	99
15) Acrylonitrile	4.20	53	384474	284.219	ug/l	95
16) Acetone	3.23	43	414210	240.929	ug/l	98
17) Carbon Disulfide	3.38	76	1190637	48.682	ug/l	99
18) Methyl Acetate	3.65	43	204654	60.488	ug/l	96
19) Methyl tert-butyl Ether	4.24	73	704158	55.419	ug/l	98
20) Methylene Chloride	3.83	84	408844	52.377	ug/l	97
21) trans-1,2-Dichloroethene	4.23	96	409370	52.167	ug/l	96
22) Diisopropyl ether	5.13	45	1198025	49.750	ug/l	98
23) Vinyl Acetate	5.07	43	3299888	266.940	ug/l	100
24) 1,1-Dichloroethane	5.00	63	711024	53.890	ug/l	99
25) 2-Butanone	6.07	43	549945	281.901	ug/l	100
26) 2,2-Dichloropropane	6.03	77	526368	51.104	ug/l	97
27) cis-1,2-Dichloroethene	6.04	96	464618	55.803	ug/l	99
28) Bromochloromethane	6.45	49	281286	50.359	ug/l	97
29) Tetrahydrofuran	6.46	42	271543	256.340	ug/l	99
30) Chloroform	6.67	83	692464	50.639	ug/l	98
31) Cyclohexane	6.97	56	565056	53.113	ug/l	97
32) 1,1,1-Trichloroethane	6.88	97	588204	49.754	ug/l	100
36) 1,1-Dichloropropene	7.15	75	520680	48.659	ug/l	99
37) Ethyl Acetate	6.19	43	267684	53.309	ug/l	96
38) Carbon Tetrachloride	7.12	117	617376	52.378	ug/l	96

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39) Methylcyclohexane	8.88	83	528916	47.669	ug/l	97
40) Benzene	7.46	78	1266826	47.379	ug/l	100
41) Methacrylonitrile	6.46	41	292443	50.633	ug/l	94
42) 1,2-Dichloroethane	7.59	62	391956	50.514	ug/l	98
43) Isopropyl Acetate	9.24	43	368411	52.972	ug/l	98
44) Trichloroethene	8.54	130	457629	49.610	ug/l	96
45) 1,2-Dichloropropane	8.95	63	343332	48.875	ug/l	99
46) Dibromomethane	9.06	93	236380	53.048	ug/l	93
47) Bromodichloromethane	9.38	83	537044	53.409	ug/l	99
48) Methyl methacrylate	9.12	41	202638	51.749	ug/l	99
49) 1,4-Dioxane	9.08	88	43691	1103.417	ug/l	98
51) 4-Methyl-2-Pentanone	10.30	43	1202045	282.122	ug/l	97
52) Toluene	10.51	92	916475	55.120	ug/l	99
53) t-1,3-Dichloropropene	10.91	75	485553	52.809	ug/l	99
54) cis-1,3-Dichloropropene	10.04	75	575548	52.098	ug/l	99
55) 1,1,2-Trichloroethane	11.19	97	295195	53.313	ug/l	96
56) Ethyl methacrylate	11.04	69	312847	53.979	ug/l	96
57) 1,3-Dichloropropane	11.41	76	452474	54.683	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.86	63	758274	247.171	ug/l	99
59) 2-Hexanone	11.53	43	839309	269.295	ug/l	98
60) Dibromochloromethane	11.69	129	424693	52.116	ug/l	98
61) 1,2-Dibromoethane	11.81	107	336023	52.168	ug/l	99
64) Tetrachloroethene	11.26	164	358020	51.068	ug/l	98
65) Chlorobenzene	12.40	112	986076	48.432	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.52	131	378171	52.108	ug/l	99
67) Ethyl Benzene	12.53	91	1578922	52.091	ug/l	99
68) m/p-Xylenes	12.67	106	1197356	100.645	ug/l	98
69) o-Xylene	13.05	106	575036	49.173	ug/l	96
70) Styrene	13.07	104	915808	47.960	ug/l	98
71) Bromoform	13.24	173	253921	54.236	ug/l	99
73) Isopropylbenzene	13.41	105	1606755	49.351	ug/l	99
74) N-amyl acetate	13.27	43	449561	49.038	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.70	83	319815	50.347	ug/l	98
76) 1,2,3-Trichloropropane	13.73	75	343699	52.881	ug/l	99
77) Bromobenzene	13.67	156	415612	50.007	ug/l	94
78) n-propylbenzene	13.78	91	1782741	46.772	ug/l	95
79) 2-Chlorotoluene	13.84	91	888151	42.325	ug/l	99
80) 1,3,5-Trimethylbenzene	14.24	105	1244195	50.338	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.47	75	99208	51.774	ug/l	98
82) 4-Chlorotoluene	13.95	91	1132342	45.646	ug/l	97
83) tert-Butylbenzene	14.19	119	1384903	51.199	ug/l	98
84) 1,2,4-Trimethylbenzene	14.24	105	1244195	50.338	ug/l	98
85) sec-Butylbenzene	14.37	105	1568170	47.488	ug/l	98
86) p-Isopropyltoluene	14.49	119	1264815	46.858	ug/l	99
87) 1,3-Dichlorobenzene	14.46	146	740913	49.925	ug/l	98
88) 1,4-Dichlorobenzene	14.54	146	724785	49.698	ug/l	98
89) n-Butylbenzene	14.80	91	1208935	46.639	ug/l	96
90) Hexachloroethane	15.01	117	375594	49.278	ug/l	91
91) 1,2-Dichlorobenzene	14.81	146	629290	50.864	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.38	75	42141	55.052	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	295275	51.447	ug/l	100
94) Hexachlorobutadiene	16.04	225	214453	49.400	ug/l	97
95) Naphthalene	16.12	128	466007	53.431	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	130115	45.901	ug/l	97

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

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