

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063500.D
 Acq On : 12 Aug 2019 20:59
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 13 07:48:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	939086	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1363767	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	1160450	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	611293	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	540962	53.89	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	107.78%	
35) Dibromofluoromethane	6.93	113	608037	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	
50) Toluene-d8	10.42	98	1364287	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	
62) 4-Bromofluorobenzene	13.56	95	614554	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.58	85	573015	50.436	ug/l	97
3) Chloromethane	1.74	50	438936	49.448	ug/l	94
4) Vinyl Chloride	1.84	62	468753	53.195	ug/l	98
5) Bromomethane	2.15	94	245371	59.012	ug/l	96
6) Chloroethane	2.26	64	231667	57.490	ug/l	99
7) Trichlorofluoromethane	2.53	101	944799	54.661	ug/l	99
8) Diethyl Ether	2.88	74	143805	58.926	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.14	101	521687	51.115	ug/l	99
10) Methyl Iodide	3.30	142	803810	55.662	ug/l #	91
11) Tert butyl alcohol	4.08	59	128919	295.023	ug/l #	91
12) 1,1-Dichloroethene	3.12	96	353644	46.605	ug/l	93
13) Acrolein	3.03	56	141766	329.593	ug/l	94
14) Allyl chloride	3.61	41	623622	54.669	ug/l	95
15) Acrylonitrile	4.19	53	306785	265.052	ug/l	92
16) Acetone	3.22	43	500735	245.392	ug/l	96
17) Carbon Disulfide	3.37	76	1234102	51.531	ug/l	98
18) Methyl Acetate	3.64	43	251521	65.075	ug/l	95
19) Methyl tert-butyl Ether	4.24	73	887329	58.471	ug/l	100
20) Methylene Chloride	3.81	84	446197	50.569	ug/l	93
21) trans-1,2-Dichloroethene	4.21	96	452874	56.714	ug/l	92
22) Diisopropyl ether	5.13	45	1240808	52.712	ug/l	99
23) Vinyl Acetate	5.06	43	3666653	267.940	ug/l	98
24) 1,1-Dichloroethane	4.98	63	804298	55.090	ug/l	99
25) 2-Butanone	6.07	43	532159	264.057	ug/l	92
26) 2,2-Dichloropropane	6.03	77	769171	52.894	ug/l	96
27) cis-1,2-Dichloroethene	6.04	96	471176	53.932	ug/l	85
28) Bromochloromethane	6.44	49	311062	52.570	ug/l	95
29) Tetrahydrofuran	6.46	42	249084	265.240	ug/l	98
30) Chloroform	6.67	83	1021638	56.297	ug/l	98
31) Cyclohexane	6.95	56	471354	52.005	ug/l	98
32) 1,1,1-Trichloroethane	6.87	97	982962	56.624	ug/l	99
36) 1,1-Dichloropropene	7.15	75	662380	54.942	ug/l	98
37) Ethyl Acetate	6.18	43	274161	54.270	ug/l	97
38) Carbon Tetrachloride	7.11	117	1056075	58.122	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	483484	47.162	ug/l	95
40) Benzene	7.45	78	1365277	51.460	ug/l	97
41) Methacrylonitrile	6.45	41	353878	55.634	ug/l	96
42) 1,2-Dichloroethane	7.58	62	761010	57.045	ug/l	99
43) Isopropyl Acetate	9.24	43	353412	52.233	ug/l #	96
44) Trichloroethene	8.55	130	537913	53.045	ug/l	97
45) 1,2-Dichloropropane	8.94	63	343888	55.659	ug/l	95
46) Dibromomethane	9.07	93	292464	55.430	ug/l	98
47) Bromodichloromethane	9.37	83	775793	57.321	ug/l	98
48) Methyl methacrylate	9.12	41	243079	52.975	ug/l	97
49) 1,4-Dioxane	9.09	88	42226	1029.770	ug/l #	89
51) 4-Methyl-2-Pentanone	10.31	43	1289096	278.434	ug/l	99
52) Toluene	10.51	92	955378	55.908	ug/l	98
53) t-1,3-Dichloropropene	10.92	75	645563	58.447	ug/l	99
54) cis-1,3-Dichloropropene	10.04	75	689252	55.342	ug/l	95
55) 1,1,2-Trichloroethane	11.19	97	316506	54.831	ug/l	98
56) Ethyl methacrylate	11.05	69	348715	55.658	ug/l	94
57) 1,3-Dichloropropane	11.41	76	456625	52.332	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.86	63	928305	280.651	ug/l	96
59) 2-Hexanone	11.54	43	947781	281.343	ug/l	99
60) Dibromochloromethane	11.69	129	611732	58.239	ug/l	100
61) 1,2-Dibromoethane	11.80	107	407442	58.306	ug/l	99
64) Tetrachloroethene	11.26	164	462145	51.588	ug/l	96
65) Chlorobenzene	12.40	112	1137560	52.303	ug/l	95
66) 1,1,1,2-Tetrachloroethane	12.51	131	565338	59.062	ug/l	95
67) Ethyl Benzene	12.52	91	2077946	54.947	ug/l	100
68) m/p-Xylenes	12.67	106	1434903	107.998	ug/l	98
69) o-Xylene	13.05	106	656198	51.315	ug/l	100
70) Styrene	13.07	104	1068574	46.977	ug/l	98
71) Bromoform	13.23	173	409923	62.456	ug/l #	99
73) Isopropylbenzene	13.41	105	2169919	55.808	ug/l	99
74) N-amyl acetate	13.27	43	520416	53.319	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.70	83	363477	56.321	ug/l	99
76) 1,2,3-Trichloropropane	13.73	75	383950	54.728	ug/l	98
77) Bromobenzene	13.67	156	599942	56.457	ug/l	85
78) n-propylbenzene	13.77	91	2300026	50.558	ug/l	95
79) 2-Chlorotoluene	13.84	91	1392151	53.074	ug/l	95
80) 1,3,5-Trimethylbenzene	13.93	105	1789469	52.674	ug/l	95
81) trans-1,4-Dichloro-2-buten	13.48	75	98178	52.067	ug/l	98
82) 4-Chlorotoluene	13.95	91	1692300	53.653	ug/l	95
83) tert-Butylbenzene	14.20	119	1839469	51.419	ug/l	96
84) 1,2,4-Trimethylbenzene	14.24	105	1718051	54.657	ug/l	93
85) sec-Butylbenzene	14.37	105	1947939	51.273	ug/l	97
86) p-Isopropyltoluene	14.49	119	1695795	46.684	ug/l	99
87) 1,3-Dichlorobenzene	14.46	146	1038750	54.042	ug/l	97
88) 1,4-Dichlorobenzene	14.54	146	972157	52.716	ug/l	96
89) n-Butylbenzene	14.80	91	1740780	52.507	ug/l	94
90) Hexachloroethane	15.01	117	491897	53.875	ug/l	80
91) 1,2-Dichlorobenzene	14.81	146	890534	54.608	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.38	75	65432	53.846	ug/l	59

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	665442	55.455	ug/l	96
94) Hexachlorobutadiene	16.04	225	467288	51.095	ug/l	96
95) Naphthalene	16.13	128	998342	54.897	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	497203	51.300	ug/l	98

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

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