

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080919\
 Data File : VD063473.D
 Acq On : 9 Aug 2019 14:56
 Operator : JC/SY
 Sample : VSTDICCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 10 06:24:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:19:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	1121152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.24	114	1534428	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	1332056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	697628	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	689842	57.48	ug/l	0.00
Spiked Amount			Recovery	=	114.96%	
35) Dibromofluoromethane	6.94	113	762914	59.04	ug/l	0.00
Spiked Amount			Recovery	=	118.08%	
50) Toluene-d8	10.42	98	1730831	60.92	ug/l	0.00
Spiked Amount			Recovery	=	121.84%	
62) 4-Bromofluorobenzene	13.56	95	701444	54.47	ug/l	0.00
Spiked Amount			Recovery	=	108.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	670828	49.379	ug/l	100
3) Chloromethane	1.75	50	498953	47.006	ug/l	100
4) Vinyl Chloride	1.86	62	539304	51.186	ug/l	100
5) Bromomethane	2.16	94	267656	54.123	ug/l	100
6) Chloroethane	2.27	64	248832	51.642	ug/l	100
7) Trichlorofluoromethane	2.54	101	1077539	52.136	ug/l	100
8) Diethyl Ether	2.88	74	146852	50.324	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.16	101	616002	50.477	ug/l	100
10) Methyl Iodide	3.31	142	910683	52.748	ug/l	100
11) Tert butyl alcohol	4.09	59	134527	257.477	ug/l	100
12) 1,1-Dichloroethene	3.14	96	484406	53.425	ug/l	100
13) Acrolein	3.05	56	118233	229.870	ug/l	100
14) Allyl chloride	3.63	41	680232	49.939	ug/l	100
15) Acrylonitrile	4.21	53	357323	258.199	ug/l	100
16) Acetone	3.24	43	685823	279.424	ug/l	100
17) Carbon Disulfide	3.38	76	1428076	49.886	ug/l	100
18) Methyl Acetate	3.65	43	213404	46.172	ug/l	100
19) Methyl tert-butyl Ether	4.25	73	932605	51.398	ug/l	100
20) Methylene Chloride	3.83	84	499851	47.370	ug/l	100
21) trans-1,2-Dichloroethene	4.23	96	506386	53.039	ug/l	100
22) Diisopropyl ether	5.14	45	1432601	50.928	ug/l	100
23) Vinyl Acetate	5.08	43	4151459	254.055	ug/l	100
24) 1,1-Dichloroethane	5.00	63	880525	50.442	ug/l	100
25) 2-Butanone	6.09	43	623753	258.880	ug/l	100
26) 2,2-Dichloropropane	6.04	77	880030	50.613	ug/l	100
27) cis-1,2-Dichloroethene	6.05	96	536353	51.346	ug/l	100
28) Bromochloromethane	6.45	49	367059	51.880	ug/l	100
29) Tetrahydrofuran	6.47	42	287268	255.841	ug/l	100
30) Chloroform	6.68	83	1084646	49.985	ug/l	100
31) Cyclohexane	6.97	56	572324	52.812	ug/l	100
32) 1,1,1-Trichloroethane	6.89	97	1060969	51.115	ug/l	100
36) 1,1-Dichloropropene	7.16	75	718299	52.954	ug/l	100
37) Ethyl Acetate	6.21	43	296050	52.211	ug/l	100
38) Carbon Tetrachloride	7.12	117	1156798	56.585	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	637088	55.233	ug/l	100
40) Benzene	7.47	78	1600945	53.631	ug/l	100
41) Methacrylonitrile	6.46	41	381715	53.336	ug/l	100
42) 1,2-Dichloroethane	7.60	62	799214	53.246	ug/l	100
43) Isopropyl Acetate	9.26	43	398003	52.281	ug/l	100
44) Trichloroethene	8.55	130	570573	49.994	ug/l	100
45) 1,2-Dichloropropane	8.95	63	356941	51.347	ug/l	100
46) Dibromomethane	9.07	93	318958	53.728	ug/l	100
47) Bromodichloromethane	9.39	83	783320	51.440	ug/l	100
48) Methyl methacrylate	9.13	41	269660	52.232	ug/l	100
49) 1,4-Dioxane	9.10	88	47594	1083.364	ug/l	100
51) 4-Methyl-2-Pentanone	10.31	43	1299803	249.522	ug/l	100
52) Toluene	10.53	92	962878	50.080	ug/l	100
53) t-1,3-Dichloropropene	10.92	75	659537	53.071	ug/l	100
54) cis-1,3-Dichloropropene	10.06	75	751923	53.660	ug/l	100
55) 1,1,2-Trichloroethane	11.21	97	332615	51.213	ug/l	100
56) Ethyl methacrylate	11.06	69	379664	53.858	ug/l	100
57) 1,3-Dichloropropane	11.43	76	513061	52.260	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.87	63	1077475	289.518	ug/l	100
59) 2-Hexanone	11.54	43	1056612	278.765	ug/l	100
60) Dibromochloromethane	11.70	129	624266	52.822	ug/l	100
61) 1,2-Dibromoethane	11.82	107	403482	51.318	ug/l	100
64) Tetrachloroethene	11.28	164	520296	50.597	ug/l	100
65) Chlorobenzene	12.41	112	1257297	50.361	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.53	131	556762	50.673	ug/l	100
67) Ethyl Benzene	12.54	91	2213637	50.994	ug/l	100
68) m/p-Xylenes	12.69	106	1517434	99.496	ug/l	100
69) o-Xylene	13.06	106	745627	50.797	ug/l	100
70) Styrene	13.08	104	1289578	49.390	ug/l	100
71) Bromoform	13.25	173	390999	51.898	ug/l	100
73) Isopropylbenzene	13.41	105	2336397	52.654	ug/l	100
74) N-amyl acetate	13.28	43	583446	52.379	ug/l	100
75) 1,1,2,2-Tetrachloroethane	13.71	83	382430	51.925	ug/l	100
76) 1,2,3-Trichloropropane	13.74	75	413654	51.665	ug/l	100
77) Bromobenzene	13.68	156	610986	50.381	ug/l	100
78) n-propylbenzene	13.79	91	2611864	50.307	ug/l	100
79) 2-Chlorotoluene	13.85	91	1489371	49.760	ug/l	100
80) 1,3,5-Trimethylbenzene	13.95	105	1998093	51.537	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.48	75	111304	51.723	ug/l	100
82) 4-Chlorotoluene	13.96	91	1825935	50.725	ug/l	100
83) tert-Butylbenzene	14.20	119	2084633	51.061	ug/l	100
84) 1,2,4-Trimethylbenzene	14.25	105	1870475	52.142	ug/l	100
85) sec-Butylbenzene	14.38	105	2102276	48.488	ug/l	100
86) p-Isopropyltoluene	14.50	119	2184898	52.704	ug/l	100
87) 1,3-Dichlorobenzene	14.47	146	1102748	50.271	ug/l	100
88) 1,4-Dichlorobenzene	14.55	146	1065584	50.632	ug/l	100
89) n-Butylbenzene	14.81	91	1856026	49.055	ug/l	100
90) Hexachloroethane	15.02	117	525388	50.422	ug/l	100
91) 1,2-Dichlorobenzene	14.82	146	926777	49.797	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	15.39	75	69056	49.795	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	729929	53.301	ug/l	100
94) Hexachlorobutadiene	16.04	225	543623	52.086	ug/l	100
95) Naphthalene	16.13	128	1047491	50.472	ug/l	100
96) 1,2,3-Trichlorobenzene	16.28	180	553453	50.037	ug/l	100

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

