

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053019\
 Data File : VD062555.D
 Acq On : 30 May 2019 15:54
 Operator : VA/AP
 Sample : VSTDICCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: May 31 01:35:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 01:07:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	805340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1100908	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	881523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	511830	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	520556	55.07	ug/l	0.00
Spiked Amount			Recovery	=	110.14%	
35) Dibromofluoromethane	6.94	113	567285	55.76	ug/l	0.00
Spiked Amount			Recovery	=	111.52%	
50) Toluene-d8	10.42	98	1203993	54.61	ug/l	0.00
Spiked Amount			Recovery	=	109.22%	
62) 4-Bromofluorobenzene	13.56	95	530810	53.70	ug/l	0.00
Spiked Amount			Recovery	=	107.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	448146	46.704	ug/l	100
3) Chloromethane	1.74	50	460052	42.043	ug/l	100
4) Vinyl Chloride	1.85	62	378875	51.374	ug/l	100
5) Bromomethane	2.15	94	156061	68.956	ug/l	100
6) Chloroethane	2.27	64	195630	55.627	ug/l	100
7) Trichlorofluoromethane	2.54	101	812222	52.719	ug/l	100
8) Diethyl Ether	2.87	74	104545	52.812	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.16	101	471804	51.767	ug/l	100
10) Methyl Iodide	3.30	142	657655	66.080	ug/l	100
11) Tert butyl alcohol	4.09	59	106459	245.001	ug/l	100
12) 1,1-Dichloroethene	3.13	96	340301	52.536	ug/l	100
13) Acrolein	3.04	56	46051	244.845	ug/l	100
14) Allyl chloride	3.62	41	553575	54.588	ug/l	100
15) Acrylonitrile	4.21	53	259989	265.630	ug/l	100
16) Acetone	3.23	43	510240	261.740	ug/l	100
17) Carbon Disulfide	3.37	76	1117665	54.299	ug/l	100
18) Methyl Acetate	3.65	43	138851	43.787	ug/l	100
19) Methyl tert-butyl Ether	4.25	73	843060	53.434	ug/l	100
20) Methylene Chloride	3.83	84	357323	52.300	ug/l	100
21) trans-1,2-Dichloroethene	4.23	96	379224	51.639	ug/l	100
22) Diisopropyl ether	5.14	45	1115384	54.637	ug/l	100
23) Vinyl Acetate	5.07	43	3468774	279.199	ug/l	100
24) 1,1-Dichloroethane	5.00	63	718792	53.896	ug/l	100
25) 2-Butanone	6.08	43	500441	279.342	ug/l	100
26) 2,2-Dichloropropane	6.04	77	780287	53.886	ug/l	100
27) cis-1,2-Dichloroethene	6.05	96	409791	54.172	ug/l	100
28) Bromochloromethane	6.45	49	230003	51.999	ug/l	100
29) Tetrahydrofuran	6.47	42	229518	278.662	ug/l	100
30) Chloroform	6.68	83	882494	54.992	ug/l	100
31) Cyclohexane	6.97	56	485492	54.948	ug/l	100
32) 1,1,1-Trichloroethane	6.89	97	896067	54.679	ug/l	100
36) 1,1-Dichloropropene	7.16	75	591631	52.989	ug/l	100
37) Ethyl Acetate	6.20	43	240398	48.217	ug/l	100
38) Carbon Tetrachloride	7.12	117	916559m	54.350	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	488005	52.173	ug/l	100
40) Benzene	7.47	78	1172636	53.466	ug/l	100
41) Methacrylonitrile	6.46	41	297158	53.172	ug/l	100
42) 1,2-Dichloroethane	7.60	62	685859	56.013	ug/l	100
43) Isopropyl Acetate	9.25	43	333862	56.476	ug/l #	100
44) Trichloroethene	8.55	130	461722	52.595	ug/l	100
45) 1,2-Dichloropropane	8.96	63	300648	55.806	ug/l	100
46) Dibromomethane	9.07	93	250324	55.706	ug/l	100
47) Bromodichloromethane	9.39	83	682447	54.672	ug/l	100
48) Methyl methacrylate	9.13	41	219977	54.156	ug/l	100
49) 1,4-Dioxane	9.10	88	34578	1048.615	ug/l	100
51) 4-Methyl-2-Pentanone	10.31	43	1125086	269.030	ug/l	100
52) Toluene	10.52	92	819634	54.931	ug/l	100
53) t-1,3-Dichloropropene	10.92	75	594155	55.679	ug/l	100
54) cis-1,3-Dichloropropene	10.05	75	613925	55.656	ug/l	100
55) 1,1,2-Trichloroethane	11.20	97	263778	53.163	ug/l	100
56) Ethyl methacrylate	11.05	69	268267	51.119	ug/l	100
57) 1,3-Dichloropropane	11.42	76	410047	54.564	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.87	63	696209	255.962	ug/l	100
59) 2-Hexanone	11.54	43	812938	278.221	ug/l	100
60) Dibromochloromethane	11.69	129	527564	54.809	ug/l	100
61) 1,2-Dibromoethane	11.82	107	325493	55.438	ug/l	100
64) Tetrachloroethene	11.27	164	433995	54.399	ug/l	100
65) Chlorobenzene	12.41	112	989158	55.492	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.52	131	483147	57.998	ug/l	100
67) Ethyl Benzene	12.53	91	1790142	55.736	ug/l	100
68) m/p-Xylenes	12.68	106	1188385	108.951	ug/l	100
69) o-Xylene	13.06	106	585509	55.395	ug/l	100
70) Styrene	13.08	104	974364	54.530	ug/l	100
71) Bromoform	13.25	173	320771	55.308	ug/l	100
73) Isopropylbenzene	13.41	105	1758292	51.668	ug/l	100
74) N-amyl acetate	13.28	43	442077	50.563	ug/l	100
75) 1,1,2,2-Tetrachloroethane	13.71	83	299748	53.747	ug/l	100
76) 1,2,3-Trichloropropane	13.74	75	332114	51.390	ug/l	100
77) Bromobenzene	13.68	156	518678	54.447	ug/l	100
78) n-propylbenzene	13.78	91	1998446	50.393	ug/l	100
79) 2-Chlorotoluene	13.85	91	1177756	50.728	ug/l	100
80) 1,3,5-Trimethylbenzene	13.94	105	1573767	53.314	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.48	75	95986	54.901	ug/l	100
82) 4-Chlorotoluene	13.96	91	1411516	50.556	ug/l	100
83) tert-Butylbenzene	14.19	119	1666781	51.327	ug/l	100
84) 1,2,4-Trimethylbenzene	14.24	105	1456592	49.355	ug/l	100
85) sec-Butylbenzene	14.38	105	1786331	51.580	ug/l	100
86) p-Isopropyltoluene	14.50	119	1686335	51.772	ug/l	100
87) 1,3-Dichlorobenzene	14.47	146	863943	51.953	ug/l	100
88) 1,4-Dichlorobenzene	14.55	146	891970	54.693	ug/l	100
89) n-Butylbenzene	14.80	91	1569431	52.952	ug/l	100
90) Hexachloroethane	15.02	117	453972	52.152	ug/l	100
91) 1,2-Dichlorobenzene	14.81	146	731186	51.613	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	15.38	75	67624	59.760	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	594426	54.336	ug/l	100
94) Hexachlorobutadiene	16.04	225	441491	55.019	ug/l	100
95) Naphthalene	16.13	128	827575	53.588	ug/l	100
96) 1,2,3-Trichlorobenzene	16.28	180	442140	53.602	ug/l	100

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

