

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060619\
 Data File : VD062630.D
 Acq On : 6 Jun 2019 17:47
 Operator : FY/SY
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 07 04:38:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060619S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 07 04:07:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	677454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	931014	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	807166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	436698	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	520068	56.20	ug/l	0.00
Spiked Amount			Recovery	=	112.40%	
35) Dibromofluoromethane	6.94	113	524812	55.24	ug/l	0.00
Spiked Amount			Recovery	=	110.48%	
50) Toluene-d8	10.42	98	1147204	55.43	ug/l	0.00
Spiked Amount			Recovery	=	110.86%	
62) 4-Bromofluorobenzene	13.56	95	523628	54.34	ug/l	0.00
Spiked Amount			Recovery	=	108.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	389282	46.677	ug/l	100
3) Chloromethane	1.75	50	319507	49.259	ug/l	100
4) Vinyl Chloride	1.85	62	351551	54.986	ug/l	100
5) Bromomethane	2.15	94	193071	59.653	ug/l	100
6) Chloroethane	2.27	64	196396	59.688	ug/l	100
7) Trichlorofluoromethane	2.54	101	779934	55.052	ug/l	100
8) Diethyl Ether	2.87	74	93777	51.565	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.16	101	451197	56.079	ug/l	100
10) Methyl Iodide	3.30	142	540273	53.882	ug/l	100
11) Tert butyl alcohol	4.09	59	83920	208.425	ug/l	100
12) 1,1-Dichloroethene	3.13	96	325216	56.034	ug/l	100
13) Acrolein	3.05	56	35914	246.634	ug/l	100
14) Allyl chloride	3.63	41	485329	54.909	ug/l	100
15) Acrylonitrile	4.21	53	239038	267.105	ug/l	100
16) Acetone	3.23	43	501699	300.055	ug/l	100
17) Carbon Disulfide	3.38	76	922588	54.480	ug/l	100
18) Methyl Acetate	3.65	43	129130	44.185	ug/l	100
19) Methyl tert-butyl Ether	4.25	73	786066	55.334	ug/l	100
20) Methylene Chloride	3.82	84	298212	46.766	ug/l	100
21) trans-1,2-Dichloroethene	4.23	96	362060	56.599	ug/l	100
22) Diisopropyl ether	5.13	45	996546	53.621	ug/l	100
23) Vinyl Acetate	5.07	43	3243377	283.681	ug/l	100
24) 1,1-Dichloroethane	5.00	63	628892	53.184	ug/l	100
25) 2-Butanone	6.08	43	418494	269.301	ug/l	100
26) 2,2-Dichloropropane	6.03	77	726247	56.221	ug/l	100
27) cis-1,2-Dichloroethene	6.05	96	352941	52.110	ug/l	100
28) Bromochloromethane	6.45	49	253077	56.145	ug/l	100
29) Tetrahydrofuran	6.46	42	195631	269.893	ug/l	100
30) Chloroform	6.67	83	825347	55.757	ug/l	100
31) Cyclohexane	6.97	56	414464	54.520	ug/l	100
32) 1,1,1-Trichloroethane	6.88	97	845879	56.289	ug/l	100
36) 1,1-Dichloropropene	7.15	75	544585	54.033	ug/l	100
37) Ethyl Acetate	6.20	43	224061	55.476	ug/l	100
38) Carbon Tetrachloride	7.12	117	865490m	57.641	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	445521	52.761	ug/l	100
40) Benzene	7.47	78	1022286	52.536	ug/l	100
41) Methacrylonitrile	6.46	41	274161	52.990	ug/l	100
42) 1,2-Dichloroethane	7.59	62	646183	55.593	ug/l	100
43) Isopropyl Acetate	9.25	43	295679	53.859	ug/l	100
44) Trichloroethene	8.55	130	436727	54.392	ug/l	100
45) 1,2-Dichloropropane	8.95	63	248062	51.271	ug/l	100
46) Dibromomethane	9.07	93	242382	56.478	ug/l	100
47) Bromodichloromethane	9.39	83	633830	55.102	ug/l	100
48) Methyl methacrylate	9.13	41	196139	52.942	ug/l	100
49) 1,4-Dioxane	9.09	88	34198	1152.027	ug/l	100
51) 4-Methyl-2-Pentanone	10.31	43	998404	275.424	ug/l	100
52) Toluene	10.52	92	737133	56.141	ug/l	100
53) t-1,3-Dichloropropene	10.92	75	561157	58.226	ug/l	100
54) cis-1,3-Dichloropropene	10.05	75	565108	57.932	ug/l	100
55) 1,1,2-Trichloroethane	11.20	97	245894	54.903	ug/l	100
56) Ethyl methacrylate	11.05	69	259078	53.524	ug/l	100
57) 1,3-Dichloropropane	11.42	76	362717	52.600	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.87	63	585956	230.309	ug/l	100
59) 2-Hexanone	11.54	43	758206	277.369	ug/l	100
60) Dibromochloromethane	11.69	129	499294	57.057	ug/l	100
61) 1,2-Dibromoethane	11.81	107	292963	53.599	ug/l	100
64) Tetrachloroethene	11.27	164	397609	55.218	ug/l	100
65) Chlorobenzene	12.40	112	912287	55.019	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.52	131	450204	56.289	ug/l	100
67) Ethyl Benzene	12.53	91	1688934	55.955	ug/l	100
68) m/p-Xylenes	12.68	106	1161661	110.930	ug/l	100
69) o-Xylene	13.05	106	543423	54.126	ug/l	100
70) Styrene	13.08	104	921471	54.435	ug/l	100
71) Bromoform	13.24	173	305564	55.919	ug/l	100
73) Isopropylbenzene	13.40	105	1652521	54.782	ug/l	100
74) N-amyl acetate	13.27	43	422818	54.196	ug/l	100
75) 1,1,2,2-Tetrachloroethane	13.70	83	271168	53.904	ug/l	100
76) 1,2,3-Trichloropropane	13.74	75	326503	57.101	ug/l	100
77) Bromobenzene	13.67	156	465008	55.768	ug/l	100
78) n-propylbenzene	13.78	91	2051748	57.936	ug/l	100
79) 2-Chlorotoluene	13.85	91	1173817	55.487	ug/l	100
80) 1,3,5-Trimethylbenzene	13.94	105	1469830	55.301	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.48	75	80415	55.534	ug/l	100
82) 4-Chlorotoluene	13.96	91	1408263	55.781	ug/l	100
83) tert-Butylbenzene	14.19	119	1564441	54.310	ug/l	100
84) 1,2,4-Trimethylbenzene	14.24	105	1432735	53.835	ug/l	100
85) sec-Butylbenzene	14.37	105	1773806	59.440	ug/l	100
86) p-Isopropyltoluene	14.50	119	1633391	56.992	ug/l	100
87) 1,3-Dichlorobenzene	14.46	146	833720	58.006	ug/l	100
88) 1,4-Dichlorobenzene	14.55	146	802731	55.826	ug/l	100
89) n-Butylbenzene	14.80	91	1409774	53.842	ug/l	100
90) Hexachloroethane	15.01	117	431894	57.708	ug/l	100
91) 1,2-Dichlorobenzene	14.81	146	681172	52.794	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	15.38	75	57565	55.799	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	566350	59.482	ug/l	100
94) Hexachlorobutadiene	16.04	225	419928	58.833	ug/l	100
95) Naphthalene	16.13	128	756016	55.965	ug/l	100
96) 1,2,3-Trichlorobenzene	16.28	180	408767	56.844	ug/l	100

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

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