

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090320\
 Data File : VD066539.D
 Acq On : 03 Sep 2020 15:56
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/4/2020 4:54:55 PM

Quant Time: Sep 04 01:35:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:16:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	388683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	634585	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	569201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	269015	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	219426	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
35) Dibromofluoromethane	7.91	113	200715	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
50) Toluene-d8	10.34	98	748064	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	
62) 4-Bromofluorobenzene	12.63	95	242744	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	157645	47.354	ug/l	100
3) Chloromethane	2.21	50	220287	91.500	ug/l	100
4) Vinyl Chloride	2.35	62	254294	88.447	ug/l	100
5) Bromomethane	2.77	94	179973	79.574	ug/l	100
6) Chloroethane	2.92	64	161543	84.840	ug/l	100
7) Trichlorofluoromethane	3.27	101	372217	50.148	ug/l	100
8) Diethyl Ether	3.71	74	94776	63.667	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	200514	61.494	ug/l	100
10) Methyl Iodide	4.30	142	181746	53.118	ug/l	100
11) Tert butyl alcohol	5.22	59	67434	220.910	ug/l	100
12) 1,1-Dichloroethene	4.07	96	182659	60.474	ug/l	100
13) Acrolein	3.92	56	41271	293.276	ug/l	100
14) Allyl chloride	4.71	41	305443	82.365	ug/l	100
15) Acrylonitrile	5.42	53	209255	376.334	ug/l	100
16) Acetone	4.16	43	200936	309.974	ug/l	100
17) Carbon Disulfide	4.41	76	604705	67.152	ug/l	100
18) Methyl Acetate	4.71	43	93201	81.606	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	447998	57.591	ug/l	100
20) Methylene Chloride	4.96	84	232048	60.187	ug/l	100
21) trans-1,2-Dichloroethene	5.47	96	223345	63.608	ug/l	100
22) Diisopropyl ether	6.36	45	655828	86.624	ug/l	100
23) Vinyl Acetate	6.30	43	1914753	404.193	ug/l	100
24) 1,1-Dichloroethane	6.26	63	393891	70.707	ug/l	100
25) 2-Butanone	7.21	43	270333	377.384	ug/l	100
26) 2,2-Dichloropropane	7.20	77	351372	53.583	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	239080	63.044	ug/l	100
28) Bromochloromethane	7.54	49	158766	91.187	ug/l	100
29) Tetrahydrofuran	7.56	42	176138	451.202	ug/l	100
30) Chloroform	7.71	83	414848	60.616	ug/l	100
31) Cyclohexane	7.98	56	356317	72.079	ug/l	100
32) 1,1,1-Trichloroethane	7.90	97	379384	51.612	ug/l	100
36) 1,1-Dichloropropene	8.11	75	322378	56.667	ug/l	100
37) Ethyl Acetate	7.29	43	130490	71.358	ug/l	100
38) Carbon Tetrachloride	8.09	117	340071	41.803	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	378887	56.772	ug/l	100
40) Benzene	8.34	78	875869	59.158	ug/l	100
41) Methacrylonitrile	7.52	41	70973	72.962	ug/l	100
42) 1,2-Dichloroethane	8.42	62	276881	46.387	ug/l	100
43) Isopropyl Acetate	8.45	43	245762	65.888	ug/l	100
44) Trichloroethene	9.11	130	230208	47.279	ug/l	100
45) 1,2-Dichloropropane	9.38	63	217915	70.338	ug/l	100
46) Dibromomethane	9.47	93	118280	55.590	ug/l	100
47) Bromodichloromethane	9.66	83	325730	52.300	ug/l	100
48) Methyl methacrylate	9.45	41	127135	66.793	ug/l	100
49) 1,4-Dioxane	9.46	88	27543	1118.608	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	627469	358.633	ug/l	100
52) Toluene	10.40	92	563969	54.599	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	297862	52.680	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	348740	57.140	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	152293	56.538	ug/l	100
56) Ethyl methacrylate	10.66	69	192287	59.842	ug/l	100
57) 1,3-Dichloropropane	10.94	76	276193	61.098	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	417442	322.576	ug/l	100
59) 2-Hexanone	10.98	43	433725	345.552	ug/l	100
60) Dibromochloromethane	11.14	129	203722	47.458	ug/l	100
61) 1,2-Dibromoethane	11.24	107	152685	55.525	ug/l	100
64) Tetrachloroethene	10.87	164	182666	42.392	ug/l	100
65) Chlorobenzene	11.67	112	572439	51.194	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	218310	46.871	ug/l	100
67) Ethyl Benzene	11.74	91	1079409	54.215	ug/l	100
68) m/p-Xylenes	11.85	106	825214	107.307	ug/l	100
69) o-Xylene	12.18	106	368458	50.901	ug/l	100
70) Styrene	12.20	104	640592	51.650	ug/l	100
71) Bromoform	12.36	173	108913	43.439	ug/l #	100
73) Isopropylbenzene	12.48	105	1020765	55.805	ug/l	100
74) N-amyl acetate	12.29	43	227011	75.379	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	171683	72.923	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	134308m	71.968	ug/l	
77) Bromobenzene	12.76	156	217659	48.065	ug/l	100
78) n-propylbenzene	12.82	91	1245858	61.040	ug/l	100
79) 2-Chlorotoluene	12.91	91	678438	58.102	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	863690	54.442	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	52412	64.934	ug/l	100
82) 4-Chlorotoluene	13.01	91	721773	57.568	ug/l	100
83) tert-Butylbenzene	13.23	119	697026	50.846	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	850858	53.904	ug/l	100
85) sec-Butylbenzene	13.40	105	1014026	56.849	ug/l	100
86) p-Isopropyltoluene	13.52	119	923994	52.743	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	423924	49.951	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	427915	50.068	ug/l	100
89) n-Butylbenzene	13.84	91	889463	59.150	ug/l	100
90) Hexachloroethane	14.11	117	188168	58.141	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	372357	50.562	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	27804	49.469	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	231956	41.535	ug/l	100
94) Hexachlorobutadiene	15.27	225	138998	38.775	ug/l	100
95) Naphthalene	15.41	128	421972	47.367	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	199679	41.256	ug/l	100

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

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