

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091520\
 Data File : VD066698.D
 Acq On : 15 Sep 2020 14:49
 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
 9/16/2020 11:44:19 AM

Quant Time: Sep 15 16:31:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:17:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	412181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	684569	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	610993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	285618	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	221729	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
35) Dibromofluoromethane	7.91	113	210891	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
50) Toluene-d8	10.34	98	782130	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
62) 4-Bromofluorobenzene	12.63	95	254650	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	152558	44.278	ug/l	100
3) Chloromethane	2.21	50	208878	46.569	ug/l	100
4) Vinyl Chloride	2.35	62	225633	48.065	ug/l	100
5) Bromomethane	2.77	94	161731	48.567	ug/l	100
6) Chloroethane	2.93	64	147094	50.299	ug/l	100
7) Trichlorofluoromethane	3.27	101	387889	47.839	ug/l	100
8) Diethyl Ether	3.71	74	101233	49.860	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	216367	48.557	ug/l	100
10) Methyl Iodide	4.30	142	229832	54.362	ug/l	100
11) Tert butyl alcohol	5.22	59	72471	163.338	ug/l	100
12) 1,1-Dichloroethene	4.07	96	206133	49.980	ug/l	100
13) Acrolein	3.92	56	77101	248.583	ug/l	100
14) Allyl chloride	4.71	41	337070	50.890	ug/l	100
15) Acrylonitrile	5.42	53	222531	250.197	ug/l	100
16) Acetone	4.16	43	217506	242.875	ug/l	100
17) Carbon Disulfide	4.41	76	654626	50.512	ug/l	100
18) Methyl Acetate	4.72	43	100883	46.666	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	480563	52.312	ug/l	100
20) Methylene Chloride	4.97	84	252058	41.556	ug/l	100
21) trans-1,2-Dichloroethene	5.47	96	243260	50.625	ug/l	100
22) Diisopropyl ether	6.36	45	707033	52.535	ug/l	100
23) Vinyl Acetate	6.30	43	2034030	271.704	ug/l	100
24) 1,1-Dichloroethane	6.27	63	427653	50.075	ug/l	100
25) 2-Butanone	7.21	43	294351	252.416	ug/l	100
26) 2,2-Dichloropropane	7.21	77	385380	48.799	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	272612	51.859	ug/l	100
28) Bromochloromethane	7.54	49	157042	49.230	ug/l	100
29) Tetrahydrofuran	7.56	42	187713	263.095	ug/l	100
30) Chloroform	7.71	83	456448	50.218	ug/l	100
31) Cyclohexane	7.98	56	380748	49.014	ug/l	100
32) 1,1,1-Trichloroethane	7.90	97	417707	50.221	ug/l	100
36) 1,1-Dichloropropene	8.11	75	349841	49.705	ug/l	100
37) Ethyl Acetate	7.29	43	137589	51.637	ug/l	100
38) Carbon Tetrachloride	8.10	117	370349	49.549	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	414848	51.530	ug/l	100
40) Benzene	8.35	78	956816	50.249	ug/l	100
41) Methacrylonitrile	7.53	41	71135	55.140	ug/l	100
42) 1,2-Dichloroethane	8.42	62	294361	49.898	ug/l	100
43) Isopropyl Acetate	8.45	43	253694	50.584	ug/l	100
44) Trichloroethene	9.11	130	252809	49.656	ug/l	100
45) 1,2-Dichloropropane	9.38	63	235183	49.960	ug/l	100
46) Dibromomethane	9.47	93	130003	50.258	ug/l	100
47) Bromodichloromethane	9.66	83	350984	49.794	ug/l	100
48) Methyl methacrylate	9.45	41	136067	53.338	ug/l	100
49) 1,4-Dioxane	9.46	88	29849	1077.227	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	664449	257.337	ug/l	100
52) Toluene	10.40	92	622895	51.064	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	322320	51.188	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	386121	51.627	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	165763	48.603	ug/l	100
56) Ethyl methacrylate	10.66	69	211640	54.683	ug/l	100
57) 1,3-Dichloropropane	10.94	76	302543	50.548	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	410002	241.205	ug/l	100
59) 2-Hexanone	10.98	43	459293	264.738	ug/l	100
60) Dibromochloromethane	11.14	129	227025	51.087	ug/l	100
61) 1,2-Dibromoethane	11.24	107	164713	50.347	ug/l	100
64) Tetrachloroethene	10.87	164	204480	49.026	ug/l	100
65) Chlorobenzene	11.67	112	639173	50.527	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	233999	50.134	ug/l	100
67) Ethyl Benzene	11.74	91	1196442	52.216	ug/l	100
68) m/p-Xylenes	11.85	106	891516	102.945	ug/l	100
69) o-Xylene	12.18	106	400406	52.321	ug/l	100
70) Styrene	12.20	104	714265	53.028	ug/l	100
71) Bromoform	12.36	173	118811	50.722	ug/l	# 100
73) Isopropylbenzene	12.48	105	1123749	52.703	ug/l	100
74) N-amyl acetate	12.29	43	233003	51.804	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	175706	48.495	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	118617m	49.070	ug/l	
77) Bromobenzene	12.76	156	243011	49.449	ug/l	100
78) n-propylbenzene	12.82	91	1357926	52.244	ug/l	100
79) 2-Chlorotoluene	12.91	91	751407	51.126	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	947526	52.558	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	56910	50.238	ug/l	100
82) 4-Chlorotoluene	13.01	91	787500	50.675	ug/l	100
83) tert-Butylbenzene	13.23	119	772205	51.968	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	938772	52.105	ug/l	100
85) sec-Butylbenzene	13.40	105	1113201	52.257	ug/l	100
86) p-Isopropyltoluene	13.52	119	1021796	52.761	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	478936	50.797	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	464069	49.428	ug/l	100
89) n-Butylbenzene	13.85	91	985287	53.504	ug/l	100
90) Hexachloroethane	14.11	117	201702	50.699	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	405843	50.236	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	29868	50.997	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	261110	53.438	ug/l	100
94) Hexachlorobutadiene	15.27	225	153545	52.157	ug/l	100
95) Naphthalene	15.41	128	464019	54.353	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	222935	52.235	ug/l	100

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

