

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090721\
 Data File : VN068417.D
 Acq On : 7 Sep 2021 11:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 08 11:27:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 08 11:23:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	763307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1029159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	945373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	489012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	313218	43.793	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	87.580%
35) Dibromofluoromethane	8.024	113	313480	49.598	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.200%
50) Toluene-d8	10.446	98	1123452	49.054	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.100%
62) 4-Bromofluorobenzene	12.733	95	370963	50.553	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	292277	46.843	ug/l	99
3) Chloromethane	2.309	50	257454	40.938	ug/l	97
4) Vinyl Chloride	2.448	62	385658	40.512	ug/l	100
5) Bromomethane	2.840	94	348755	43.444	ug/l	99
6) Chloroethane	3.011	64	279294	40.290	ug/l	98
7) Trichlorofluoromethane	3.376	101	551239	46.505	ug/l	99
8) Diethyl Ether	3.829	74	175604	48.790	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.218	101	316343	47.898	ug/l	99
10) Methyl Iodide	4.430	142	472080	50.205	ug/l	99
11) Tert butyl alcohol	5.366	59	239611	247.607	ug/l #	86
12) 1,1-Dichloroethene	4.189	96	290164	48.400	ug/l	96
13) Acrolein	4.047	56	160538	303.592	ug/l	100
14) Allyl chloride	4.846	41	368330	48.224	ug/l	98
15) Acrylonitrile	5.556	53	625911	234.297	ug/l	99
16) Acetone	4.288	43	624116	271.398	ug/l	99
17) Carbon Disulfide	4.540	76	681209	42.087	ug/l	100
18) Methyl Acetate	4.859	43	305371	50.115	ug/l	100
19) Methyl tert-butyl Ether	5.615	73	1002473	49.739	ug/l	98
20) Methylene Chloride	5.103	84	323570	49.541	ug/l	97
21) trans-1,2-Dichloroethene	5.602	96	326464	47.129	ug/l	99
22) Diisopropyl ether	6.498	45	820939	49.304	ug/l	98
23) Vinyl Acetate	6.436	43	3059935	247.611	ug/l	99
24) 1,1-Dichloroethane	6.391	63	530309	47.126	ug/l	100
25) 2-Butanone	7.335	43	840716	245.427	ug/l	100
26) 2,2-Dichloropropane	7.327	77	522186	50.275	ug/l	100
27) cis-1,2-Dichloroethene	7.329	96	392079	48.034	ug/l	100
28) Bromochloromethane	7.662	49	195296	44.935	ug/l	98
29) Tetrahydrofuran	7.683	42	523717	234.966	ug/l	99
30) Chloroform	7.820	83	628722	47.545	ug/l	99
31) Cyclohexane	8.099	56	465492	43.602	ug/l	100
32) 1,1,1-Trichloroethane	8.019	97	594980	48.309	ug/l	100
36) 1,1-Dichloropropene	8.222	75	437459	50.491	ug/l	99
37) Ethyl Acetate	7.412	43	331617	49.930	ug/l	99
38) Carbon Tetrachloride	8.209	117	548932	53.068	ug/l	99
39) Methylcyclohexane	9.461	83	576470	52.949	ug/l	99
40) Benzene	8.464	78	1314950	51.340	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	156853	48.723	ug/l	95
42) 1,2-Dichloroethane	8.531	62	434385	49.175	ug/l	100
43) Isopropyl Acetate	8.560	43	581203	50.114	ug/l	100
44) Trichloroethene	9.217	130	427866	52.970	ug/l	99
45) 1,2-Dichloropropane	9.491	63	309534	50.973	ug/l	98
46) Dibromomethane	9.579	93	253354	51.354	ug/l	97
47) Bromodichloromethane	9.764	83	493481	53.080	ug/l	100
48) Methyl methacrylate	9.561	41	259913	53.741	ug/l	97
49) 1,4-Dioxane	9.569	88	105205	949.286	ug/l	97
51) 4-Methyl-2-Pentanone	10.330	43	1684101	254.773	ug/l	100
52) Toluene	10.507	92	899313	52.967	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	492389	55.401	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	538334	55.126	ug/l	99
55) 1,1,2-Trichloroethane	10.902	97	356865	53.311	ug/l	99
56) Ethyl methacrylate	10.762	69	469509	56.164	ug/l	100
57) 1,3-Dichloropropane	11.046	76	535502	51.414	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	232319	278.861	ug/l	100
59) 2-Hexanone	11.087	43	1181983	266.428	ug/l	100
60) Dibromochloromethane	11.240	129	450860	56.599	ug/l	100
61) 1,2-Dibromoethane	11.347	107	381125	53.314	ug/l	100
64) Tetrachloroethene	10.979	164	454318	53.220	ug/l	99
65) Chlorobenzene	11.773	112	1025934	52.212	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	419784	54.418	ug/l	99
67) Ethyl Benzene	11.846	91	1716367	53.238	ug/l	100
68) m/p-Xylenes	11.956	106	1413985	109.175	ug/l	99
69) o-Xylene	12.283	106	689300	54.692	ug/l	100
70) Styrene	12.296	104	1094784	57.341	ug/l	99
71) Bromoform	12.460	173	360828	61.107	ug/l #	98
73) Isopropylbenzene	12.581	105	1772804	50.274	ug/l	99
74) N-amyl acetate	12.387	43	402525	50.950	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.827	83	450638	45.501	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	521865	66.112	ug/l	58
77) Bromobenzene	12.862	156	504046	51.865	ug/l	98
78) n-propylbenzene	12.924	91	1918502	51.569	ug/l	100
79) 2-Chlorotoluene	13.010	91	1128220	49.192	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	1464806	50.885	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.629	75	118923	53.738	ug/l	99
82) 4-Chlorotoluene	13.106	91	1108798	50.248	ug/l	99
83) tert-Butylbenzene	13.326	119	1365742	52.359	ug/l	100
84) 1,2,4-Trimethylbenzene	13.369	105	1443752	52.329	ug/l	100
85) sec-Butylbenzene	13.503	105	1817726	52.813	ug/l	99
86) p-Isopropyltoluene	13.618	119	1592281	54.613	ug/l	99
87) 1,3-Dichlorobenzene	13.618	146	897803	53.133	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	862131	51.319	ug/l	99
89) n-Butylbenzene	13.943	91	1156528	54.067	ug/l	100
90) Hexachloroethane	14.211	117	268887	53.265	ug/l	98
91) 1,2-Dichlorobenzene	13.989	146	848792	51.908	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.605	75	78960	49.334	ug/l	98
93) 1,2,4-Trichlorobenzene	15.265	180	470317	61.796	ug/l	99
94) Hexachlorobutadiene	15.372	225	285696	59.262	ug/l	99
95) Naphthalene	15.507	128	976034	61.187	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	443687	60.896	ug/l	100

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

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