

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090721\
 Data File : VN068423.D
 Acq On : 7 Sep 2021 15:18
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/8/2021 8:15:59 PM

Quant Time: Sep 08 10:40:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 08 10:37:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.091	168	674162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	948482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	896136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	474798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	309440	45.811	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.620%		
35) Dibromofluoromethane	8.024	113	299527	50.228	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.460%		
50) Toluene-d8	10.443	98	1129151	50.992	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.980%		
62) 4-Bromofluorobenzene	12.733	95	368459	51.160	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.320%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.078	85	266549	47.613	ug/l	100
3) Chloromethane	2.309	50	246426	42.440	ug/l	100
4) Vinyl Chloride	2.448	62	389893	44.145	ug/l	100
5) Bromomethane	2.840	94	351110	41.259	ug/l	100
6) Chloroethane	3.011	64	281005	44.160	ug/l	100
7) Trichlorofluoromethane	3.373	101	486911	29.246	ug/l	100
8) Diethyl Ether	3.832	74	154105	32.484	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.218	101	275692	48.665	ug/l	100
10) Methyl Iodide	4.427	142	429293	58.519	ug/l	100
11) Tert butyl alcohol	5.374	59	216582	241.606	ug/l	100
12) 1,1-Dichloroethene	4.191	96	259892	49.055	ug/l	100
13) Acrolein	4.047	56	109251	192.934	ug/l	100
14) Allyl chloride	4.848	41	330701	49.780	ug/l	100
15) Acrylonitrile	5.556	53	577699	236.074	ug/l	100
16) Acetone	4.291	43	444557	198.526	ug/l	100
17) Carbon Disulfide	4.540	76	681272	47.961	ug/l	100
18) Methyl Acetate	4.856	43	273950	44.226	ug/l	100
19) Methyl tert-butyl Ether	5.621	73	891341	52.096	ug/l	100
20) Methylene Chloride	5.103	84	293283	41.443	ug/l	100
21) trans-1,2-Dichloroethene	5.605	96	295956	49.990	ug/l	100
22) Diisopropyl ether	6.501	45	744626	51.498	ug/l	100
23) Vinyl Acetate	6.436	43	2822858	254.462	ug/l	100
24) 1,1-Dichloroethane	6.393	63	475758	49.218	ug/l	100
25) 2-Butanone	7.337	43	731068	233.774	ug/l	100
26) 2,2-Dichloropropane	7.329	77	434218	48.549	ug/l	100
27) cis-1,2-Dichloroethene	7.329	96	350266	50.726	ug/l	100
28) Bromochloromethane	7.659	49	205509	50.464	ug/l	100
29) Tetrahydrofuran	7.686	42	496933	246.971	ug/l	100
30) Chloroform	7.820	83	574560	49.606	ug/l	100
31) Cyclohexane	8.099	56	445047	48.693	ug/l	100
32) 1,1,1-Trichloroethane	8.019	97	548410	51.258	ug/l	100
36) 1,1-Dichloropropene	8.225	75	410061	53.955	ug/l	100
37) Ethyl Acetate	7.415	43	310569	49.574	ug/l	100
38) Carbon Tetrachloride	8.209	117	505488	55.490	ug/l	100
39) Methylcyclohexane	9.464	83	535729	56.509	ug/l	100
40) Benzene	8.464	78	1225996	52.440	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	151482	51.285	ug/l	100
42) 1,2-Dichloroethane	8.533	62	408114	52.045	ug/l	100
43) Isopropyl Acetate	8.563	43	543137	53.317	ug/l	100
44) Trichloroethene	9.220	130	386004	53.131	ug/l	100
45) 1,2-Dichloropropane	9.494	63	287546	52.966	ug/l	100
46) Dibromomethane	9.579	93	234795	53.162	ug/l	100
47) Bromodichloromethane	9.764	83	450728	53.305	ug/l	100
48) Methyl methacrylate	9.561	41	246082	55.342	ug/l	100
49) 1,4-Dioxane	9.571	88	106615	1031.036	ug/l	100
51) 4-Methyl-2-Pentanone	10.333	43	1612169	256.136	ug/l	100
52) Toluene	10.507	92	848772	54.321	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	452906	54.349	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	488793	54.891	ug/l	100
55) 1,1,2-Trichloroethane	10.902	97	334918	52.797	ug/l	100
56) Ethyl methacrylate	10.762	69	440891	56.784	ug/l	100
57) 1,3-Dichloropropane	11.046	76	505322	53.029	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	191458	177.640	ug/l	100
59) 2-Hexanone	11.087	43	1103006	253.173	ug/l	100
60) Dibromochloromethane	11.240	129	418222	57.319	ug/l	100
61) 1,2-Dibromoethane	11.347	107	362014	54.265	ug/l	100
64) Tetrachloroethene	10.982	164	424119	59.175	ug/l	100
65) Chlorobenzene	11.773	112	962223	53.217	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	389978	55.237	ug/l	100
67) Ethyl Benzene	11.848	91	1610169	54.552	ug/l	100
68) m/p-Xylenes	11.956	106	1334202	112.068	ug/l	100
69) o-Xylene	12.283	106	645133	56.485	ug/l	100
70) Styrene	12.296	104	1022687	57.035	ug/l	100
71) Bromoform	12.460	173	335256	59.253	ug/l #	100
73) Isopropylbenzene	12.581	105	1668560	49.024	ug/l	100
74) N-amyl acetate	12.390	43	382506	45.676	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.830	83	433124	42.883	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	313022m	38.675	ug/l	
77) Bromobenzene	12.862	156	465779	48.474	ug/l	100
78) n-propylbenzene	12.924	91	1790289	49.675	ug/l	100
79) 2-Chlorotoluene	13.010	91	1045861	47.025	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	1381631	49.997	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	111219	46.933	ug/l	100
82) 4-Chlorotoluene	13.106	91	1031980	47.955	ug/l	100
83) tert-Butylbenzene	13.326	119	1274876	50.239	ug/l	100
84) 1,2,4-Trimethylbenzene	13.369	105	1348629	49.965	ug/l	100
85) sec-Butylbenzene	13.503	105	1687299	50.697	ug/l	100
86) p-Isopropyltoluene	13.618	119	1474914	53.418	ug/l	100
87) 1,3-Dichlorobenzene	13.618	146	830973	50.478	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	803928	49.104	ug/l	100
89) n-Butylbenzene	13.946	91	1049484	50.594	ug/l	100
90) Hexachloroethane	14.211	117	250606	47.586	ug/l	100
91) 1,2-Dichlorobenzene	13.991	146	790210	50.523	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.605	75	76928	48.361	ug/l	100
93) 1,2,4-Trichlorobenzene	15.265	180	423948	55.262	ug/l	100
94) Hexachlorobutadiene	15.372	225	249411	54.869	ug/l	100
95) Naphthalene	15.507	128	895709	48.932	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	398738	53.249	ug/l	100

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

