

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101921\
 Data File : VN069043.D
 Acq On : 19 Oct 2021 23:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/20/2021 5:47:28 PM

Quant Time: Oct 20 05:51:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	292260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	533808	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	510956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	224414	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	216062	56.071	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.140%			
35) Dibromofluoromethane	8.024	113	165760	53.372	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.740%			
50) Toluene-d8	10.443	98	674200	54.255	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.500%			
62) 4-Bromofluorobenzene	12.733	95	266121	56.762	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 113.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	161357	44.478	ug/l	99
3) Chloromethane	2.301	50	179482	50.244	ug/l	100
4) Vinyl Chloride	2.443	62	209776	57.816	ug/l	99
5) Bromomethane	2.824	94	139065	69.680	ug/l	98
6) Chloroethane	2.998	64	135747	63.484	ug/l	97
7) Trichlorofluoromethane	3.365	101	268688	52.884	ug/l	99
8) Diethyl Ether	3.827	74	100387	52.971	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.210	101	144558	52.915	ug/l	99
10) Methyl Iodide	4.422	142	198950	50.175	ug/l	99
11) Tert butyl alcohol	5.366	59	182718	259.503	ug/l	100
12) 1,1-Dichloroethene	4.183	96	142359	50.411	ug/l	100
13) Acrolein	4.044	56	96560	310.006	ug/l	98
14) Allyl chloride	4.843	41	248554	49.098	ug/l	97
15) Acrylonitrile	5.554	53	435427	275.987	ug/l	99
16) Acetone	4.285	43	354159	246.287	ug/l	99
17) Carbon Disulfide	4.532	76	364162	47.515	ug/l	100
18) Methyl Acetate	4.851	43	306948	56.276	ug/l	98
19) Methyl tert-butyl Ether	5.616	73	568083	54.025	ug/l	99
20) Methylene Chloride	5.098	84	174311	52.666	ug/l	97
21) trans-1,2-Dichloroethene	5.599	96	153067	50.171	ug/l	99
22) Diisopropyl ether	6.498	45	563458	53.522	ug/l	97
23) Vinyl Acetate	6.434	43	2125861	267.109	ug/l	99
24) 1,1-Dichloroethane	6.388	63	304978	53.318	ug/l	99
25) 2-Butanone	7.335	43	591248	271.902	ug/l	97
26) 2,2-Dichloropropane	7.327	77	235963	43.287	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	191729	51.987	ug/l	98
28) Bromochloromethane	7.659	49	129781	50.096	ug/l	98
29) Tetrahydrofuran	7.683	42	397628	281.912	ug/l	97
30) Chloroform	7.820	83	332323	55.129	ug/l	100
31) Cyclohexane	8.096	56	279665	46.678	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	299007	53.209	ug/l	99
36) 1,1-Dichloropropene	8.222	75	234548	51.441	ug/l	99
37) Ethyl Acetate	7.412	43	249279	52.936	ug/l	100
38) Carbon Tetrachloride	8.209	117	253578	50.639	ug/l	99
39) Methylcyclohexane	9.461	83	287171	48.934	ug/l	97
40) Benzene	8.461	78	723366	52.100	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	125525	52.880	ug/l	95
42) 1,2-Dichloroethane	8.531	62	267678	54.444	ug/l	100
43) Isopropyl Acetate	8.563	43	455453	54.816	ug/l	99
44) Trichloroethene	9.217	130	175622	50.541	ug/l	99
45) 1,2-Dichloropropane	9.491	63	187753	52.114	ug/l	99
46) Dibromomethane	9.579	93	131293	53.387	ug/l	98
47) Bromodichloromethane	9.765	83	269174	52.818	ug/l	98
48) Methyl methacrylate	9.561	41	191931	49.163	ug/l	89
49) 1,4-Dioxane	9.569	88	76207	1001.495	ug/l	95
51) 4-Methyl-2-Pentanone	10.333	43	1344138	278.998	ug/l	99
52) Toluene	10.507	92	482051	53.965	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	295392	51.170	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	305574	50.876	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	191358	54.335	ug/l	99
56) Ethyl methacrylate	10.762	69	322953	54.616	ug/l	98
57) 1,3-Dichloropropane	11.047	76	320949	55.267	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	425286	244.908	ug/l	100
59) 2-Hexanone	11.087	43	991349	286.936	ug/l	100
60) Dibromochloromethane	11.240	129	206545	51.957	ug/l	99
61) 1,2-Dibromoethane	11.350	107	201175	55.690	ug/l	100
64) Tetrachloroethene	10.979	164	148540	45.128	ug/l	94
65) Chlorobenzene	11.771	112	516208	53.389	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	195242	51.592	ug/l	100
67) Ethyl Benzene	11.846	91	958888	53.390	ug/l	100
68) m/p-Xylenes	11.956	106	719762	105.716	ug/l	99
69) o-Xylene	12.283	106	361799	53.089	ug/l	98
70) Styrene	12.296	104	616524	55.575	ug/l	100
71) Bromoform	12.460	173	150641	49.691	ug/l #	99
73) Isopropylbenzene	12.581	105	969345	51.895	ug/l	99
74) N-amyl acetate	12.390	43	383346	54.169	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	303685	56.258	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	269695m	56.482	ug/l	
77) Bromobenzene	12.862	156	216183	52.339	ug/l	98
78) n-propylbenzene	12.924	91	1105472	52.663	ug/l	100
79) 2-Chlorotoluene	13.010	91	683273	52.810	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	803465	51.642	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	95332	47.766	ug/l	99
82) 4-Chlorotoluene	13.106	91	671186	53.683	ug/l	99
83) tert-Butylbenzene	13.326	119	699716	51.663	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	788880	52.625	ug/l	99
85) sec-Butylbenzene	13.503	105	997830	53.197	ug/l	100
86) p-Isopropyltoluene	13.619	119	800767	53.225	ug/l	100
87) 1,3-Dichlorobenzene	13.619	146	380827	53.303	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	367724	51.858	ug/l	99
89) n-Butylbenzene	13.946	91	659307	52.640	ug/l	100
90) Hexachloroethane	14.214	117	156684	49.577	ug/l	94
91) 1,2-Dichlorobenzene	13.991	146	365074	52.602	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	54527	52.391	ug/l	97
93) 1,2,4-Trichlorobenzene	15.265	180	162888	43.570	ug/l	100
94) Hexachlorobutadiene	15.373	225	89761	45.421	ug/l	99
95) Naphthalene	15.507	128	467923	45.316	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	158771	44.560	ug/l	99

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

