

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101921\
 Data File : VN069041.D
 Acq On : 19 Oct 2021 22:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/20/2021 5:47:26 PM

Quant Time: Oct 20 05:51:03 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	275100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	501164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	469621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	206137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	193836	53.441	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.880%	
35) Dibromofluoromethane	8.021	113	149570	51.296	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.600%	
50) Toluene-d8	10.443	98	606309	51.969	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.940%	
62) 4-Bromofluorobenzene	12.734	95	230827	52.440	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 104.880%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	156657	45.837	ug/l	99
3) Chloromethane	2.301	50	172509	51.304	ug/l	98
4) Vinyl Chloride	2.443	62	206558	60.480	ug/l	100
5) Bromomethane	2.829	94	131063	69.767	ug/l	100
6) Chloroethane	3.003	64	133182	66.169	ug/l	98
7) Trichlorofluoromethane	3.368	101	260565	54.485	ug/l	100
8) Diethyl Ether	3.827	74	96853	54.294	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.210	101	140879	54.785	ug/l	99
10) Methyl Iodide	4.425	142	192198	51.496	ug/l	99
11) Tert butyl alcohol	5.369	59	168695	254.531	ug/l	100
12) 1,1-Dichloroethene	4.183	96	137080	51.569	ug/l	97
13) Acrolein	4.044	56	90821	309.769	ug/l	98
14) Allyl chloride	4.843	41	238645	50.081	ug/l	96
15) Acrylonitrile	5.554	53	413029	278.120	ug/l	100
16) Acetone	4.285	43	339685	250.956	ug/l	99
17) Carbon Disulfide	4.532	76	354172	49.094	ug/l	99
18) Methyl Acetate	4.854	43	299487	58.333	ug/l	98
19) Methyl tert-butyl Ether	5.618	73	547407	55.306	ug/l	100
20) Methylene Chloride	5.098	84	167281	53.694	ug/l	98
21) trans-1,2-Dichloroethene	5.600	96	148567	51.734	ug/l	99
22) Diisopropyl ether	6.495	45	542701	54.766	ug/l	99
23) Vinyl Acetate	6.434	43	2050265	273.680	ug/l	98
24) 1,1-Dichloroethane	6.388	63	295607	54.904	ug/l	100
25) 2-Butanone	7.335	43	569315	278.147	ug/l	98
26) 2,2-Dichloropropane	7.329	77	222070	43.280	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	184149	53.046	ug/l	99
28) Bromochloromethane	7.659	49	130339	53.449	ug/l	97
29) Tetrahydrofuran	7.683	42	382087	287.791	ug/l	97
30) Chloroform	7.820	83	320296	56.448	ug/l	99
31) Cyclohexane	8.096	56	270850	48.027	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	287921	54.432	ug/l	99
36) 1,1-Dichloropropene	8.222	75	231156	53.999	ug/l	99
37) Ethyl Acetate	7.413	43	240313	54.356	ug/l	100
38) Carbon Tetrachloride	8.206	117	246349	52.399	ug/l	99
39) Methylcyclohexane	9.462	83	278721	50.587	ug/l	98
40) Benzene	8.461	78	697523	53.511	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	113360	50.866	ug/l	91
42) 1,2-Dichloroethane	8.531	62	258431	55.987	ug/l	99
43) Isopropyl Acetate	8.560	43	445293	57.084	ug/l	98
44) Trichloroethene	9.217	130	167980	51.491	ug/l	99
45) 1,2-Dichloropropane	9.491	63	181772	53.740	ug/l	98
46) Dibromomethane	9.577	93	128307	55.571	ug/l	97
47) Bromodichloromethane	9.765	83	259793	54.298	ug/l	98
48) Methyl methacrylate	9.561	41	194210	52.987	ug/l	96
49) 1,4-Dioxane	9.569	88	70467	986.919	ug/l	97
51) 4-Methyl-2-Pentanone	10.331	43	1271023	281.006	ug/l	99
52) Toluene	10.508	92	460316	54.888	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	282947	52.207	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	291071	51.618	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	182982	55.341	ug/l	99
56) Ethyl methacrylate	10.762	69	306585	55.225	ug/l	98
57) 1,3-Dichloropropane	11.047	76	308532	56.589	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	412424	252.354	ug/l	100
59) 2-Hexanone	11.087	43	927701	286.003	ug/l	100
60) Dibromochloromethane	11.240	129	197524	52.925	ug/l	100
61) 1,2-Dibromoethane	11.347	107	189904	55.994	ug/l	98
64) Tetrachloroethene	10.980	164	140205	46.345	ug/l	95
65) Chlorobenzene	11.771	112	491429	55.300	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	187100	53.792	ug/l	100
67) Ethyl Benzene	11.846	91	912443	55.275	ug/l	100
68) m/p-Xylenes	11.956	106	680577	108.759	ug/l	99
69) o-Xylene	12.283	106	342338	54.655	ug/l	99
70) Styrene	12.296	104	570676	55.970	ug/l	100
71) Bromoform	12.460	173	140688	50.493	ug/l #	99
73) Isopropylbenzene	12.581	105	909796	53.025	ug/l	99
74) N-amyl acetate	12.388	43	363417	55.907	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	282209	56.915	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	229641m	52.358	ug/l	
77) Bromobenzene	12.862	156	198932	52.433	ug/l	98
78) n-propylbenzene	12.921	91	1035031	53.679	ug/l	100
79) 2-Chlorotoluene	13.010	91	635372	53.461	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	754859	52.819	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.626	75	86711	47.298	ug/l	97
82) 4-Chlorotoluene	13.106	91	617734	53.789	ug/l	100
83) tert-Butylbenzene	13.326	119	654579	52.616	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	737852	53.585	ug/l	100
85) sec-Butylbenzene	13.503	105	923133	53.579	ug/l	100
86) p-Isopropyltoluene	13.619	119	740434	53.578	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	352657	53.736	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	348218	53.461	ug/l	99
89) n-Butylbenzene	13.946	91	618976	53.801	ug/l	99
90) Hexachloroethane	14.214	117	146009	50.296	ug/l	94
91) 1,2-Dichlorobenzene	13.991	146	345305	54.165	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	52489	54.904	ug/l	96
93) 1,2,4-Trichlorobenzene	15.265	180	157265	45.663	ug/l	98
94) Hexachlorobutadiene	15.373	225	84375	46.481	ug/l	99
95) Naphthalene	15.507	128	458240	48.061	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	156553	47.648	ug/l	98

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

