

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083121\
 Data File : VN068364.D
 Acq On : 31 Aug 2021 12:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/1/2021 6:42:55 PM

Quant Time: Sep 01 02:02:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 31 02:20:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	628455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	882984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	838021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	434983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	293388	45.737	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.480%		
35) Dibromofluoromethane	8.024	113	275967	49.294	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.580%		
50) Toluene-d8	10.443	98	1022775	48.804	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.600%		
62) 4-Bromofluorobenzene	12.733	95	341982	49.724	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	250593	47.916	ug/l	98
3) Chloromethane	2.306	50	237835	43.394	ug/l	99
4) Vinyl Chloride	2.445	62	364890	43.663	ug/l	99
5) Bromomethane	2.829	94	354424	51.234	ug/l	97
6) Chloroethane	3.006	64	265724	44.358	ug/l	100
7) Trichlorofluoromethane	3.371	101	454776	27.385	ug/l	99
8) Diethyl Ether	3.829	74	146894	30.709	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.215	101	254766	48.609	ug/l	99
10) Methyl Iodide	4.427	142	378216	56.556	ug/l	99
11) Tert butyl alcohol	5.371	59	231412	275.888	ug/l	99
12) 1,1-Dichloroethene	4.183	96	235434	48.045	ug/l	100
13) Acrolein	4.047	56	152311	279.582	ug/l	96
14) Allyl chloride	4.846	41	301346	48.886	ug/l	97
15) Acrylonitrile	5.554	53	576963	251.581	ug/l	99
16) Acetone	4.288	43	442652	260.789	ug/l	99
17) Carbon Disulfide	4.537	76	609890	46.158	ug/l	100
18) Methyl Acetate	4.859	43	270188	56.657	ug/l	99
19) Methyl tert-butyl Ether	5.618	73	836527	52.817	ug/l	100
20) Methylene Chloride	5.101	84	273230	51.560	ug/l	98
21) trans-1,2-Dichloroethene	5.605	96	275555	50.249	ug/l	97
22) Diisopropyl ether	6.498	45	696788	51.736	ug/l	99
23) Vinyl Acetate	6.436	43	2711383	261.059	ug/l	100
24) 1,1-Dichloroethane	6.393	63	433098	48.248	ug/l	99
25) 2-Butanone	7.337	43	732912	249.254	ug/l	98
26) 2,2-Dichloropropane	7.329	77	366696	43.868	ug/l	98
27) cis-1,2-Dichloroethene	7.329	96	326028	50.764	ug/l	98
28) Bromochloromethane	7.659	49	190331	50.155	ug/l	97
29) Tetrahydrofuran	7.686	42	493616	261.923	ug/l	99
30) Chloroform	7.820	83	531650	49.347	ug/l	99
31) Cyclohexane	8.099	56	393676	46.572	ug/l	100
32) 1,1,1-Trichloroethane	8.016	97	497533	50.059	ug/l	100
36) 1,1-Dichloropropene	8.225	75	374107	53.274	ug/l	100
37) Ethyl Acetate	7.415	43	308104	52.666	ug/l	99
38) Carbon Tetrachloride	8.206	117	451045	53.746	ug/l	98
39) Methylcyclohexane	9.461	83	473507	54.102	ug/l	97
40) Benzene	8.464	78	1138906	52.504	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	153396	55.975	ug/l	96
42) 1,2-Dichloroethane	8.533	62	381540	52.481	ug/l	99
43) Isopropyl Acetate	8.563	43	526175	55.596	ug/l	99
44) Trichloroethene	9.217	130	350024	52.265	ug/l	99
45) 1,2-Dichloropropane	9.494	63	268751	53.373	ug/l	98
46) Dibromomethane	9.579	93	224999	54.847	ug/l	100
47) Bromodichloromethane	9.764	83	424487	54.161	ug/l	98
48) Methyl methacrylate	9.561	41	222590	53.755	ug/l	96
49) 1,4-Dioxane	9.571	88	112930	1157.063	ug/l	98
51) 4-Methyl-2-Pentanone	10.333	43	1601951	270.849	ug/l	99
52) Toluene	10.507	92	786687	53.921	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	422534	54.247	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	454064	54.898	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	319974	54.265	ug/l	96
56) Ethyl methacrylate	10.762	69	427480	50.338	ug/l	99
57) 1,3-Dichloropropane	11.046	76	480880	54.197	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	256641	176.380	ug/l	99
59) 2-Hexanone	11.087	43	1126880	273.682	ug/l	100
60) Dibromochloromethane	11.240	129	389013	57.287	ug/l	99
61) 1,2-Dibromoethane	11.350	107	345190	55.417	ug/l	99
64) Tetrachloroethene	10.979	164	375656	57.390	ug/l	98
65) Chlorobenzene	11.773	112	889038	52.824	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	366540	55.816	ug/l	100
67) Ethyl Benzene	11.848	91	1493530	54.276	ug/l	99
68) m/p-Xylenes	11.956	106	1231681	111.110	ug/l	99
69) o-Xylene	12.283	106	594281	55.726	ug/l	99
70) Styrene	12.296	104	967913	57.656	ug/l	99
71) Bromoform	12.460	173	315957	50.047	ug/l #	99
73) Isopropylbenzene	12.581	105	1525688	48.872	ug/l	100
74) N-amyl acetate	12.390	43	382767	49.055	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	425479	45.516	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	350580m	47.423	ug/l	
77) Bromobenzene	12.862	156	435367	49.283	ug/l	99
78) n-propylbenzene	12.924	91	1662770	50.281	ug/l	100
79) 2-Chlorotoluene	13.010	91	972936	47.560	ug/l	100
80) 1,3,5-Trimethylbenzene	13.063	105	1287234	50.744	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.626	75	111198	49.698	ug/l	100
82) 4-Chlorotoluene	13.109	91	959855	48.587	ug/l	100
83) tert-Butylbenzene	13.326	119	1154942	49.707	ug/l	99
84) 1,2,4-Trimethylbenzene	13.372	105	1271290	51.234	ug/l	99
85) sec-Butylbenzene	13.503	105	1565499	51.225	ug/l	100
86) p-Isopropyltoluene	13.618	119	1357460	53.716	ug/l	100
87) 1,3-Dichlorobenzene	13.618	146	772291	51.317	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	746520	49.845	ug/l	100
89) n-Butylbenzene	13.946	91	986652	51.794	ug/l	100
90) Hexachloroethane	14.214	117	230968	47.436	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	739800	51.787	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	78083	53.792	ug/l	98
93) 1,2,4-Trichlorobenzene	15.265	180	408804	52.526	ug/l	99
94) Hexachlorobutadiene	15.372	225	235744	56.860	ug/l	100
95) Naphthalene	15.509	128	943483	52.583	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	390938	52.867	ug/l	98

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

