

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102121\
 Data File : VN069104.D
 Acq On : 21 Oct 2021 22:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/22/2021 7:09:25 PM

Quant Time: Oct 22 01:36:19 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	301589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	543861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	518982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	226705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	224959	56.574	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 113.140%			
35) Dibromofluoromethane	8.024	113	172891	54.639	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.280%			
50) Toluene-d8	10.443	98	701436	55.403	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.800%			
62) 4-Bromofluorobenzene	12.733	95	277754	58.148	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 116.300%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	156335	41.836	ug/l	98
3) Chloromethane	2.301	50	170129	46.152	ug/l	99
4) Vinyl Chloride	2.443	62	207239	55.350	ug/l	99
5) Bromomethane	2.824	94	134001	65.066	ug/l	99
6) Chloroethane	3.001	64	136209	61.729	ug/l	98
7) Trichlorofluoromethane	3.368	101	265573	50.654	ug/l	100
8) Diethyl Ether	3.827	74	98313	50.272	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.216	101	144662	51.315	ug/l	98
10) Methyl Iodide	4.425	142	188339	46.030	ug/l	98
11) Tert butyl alcohol	5.369	59	164116	225.873	ug/l	100
12) 1,1-Dichloroethene	4.183	96	139985	48.037	ug/l	98
13) Acrolein	4.041	56	82463	256.558	ug/l	100
14) Allyl chloride	4.840	41	237961	45.551	ug/l	95
15) Acrylonitrile	5.554	53	417220	256.267	ug/l	99
16) Acetone	4.288	43	333894	225.012	ug/l	100
17) Carbon Disulfide	4.532	76	341861	43.226	ug/l	100
18) Methyl Acetate	4.854	43	290646	51.639	ug/l	98
19) Methyl tert-butyl Ether	5.616	73	560073	51.615	ug/l	98
20) Methylene Chloride	5.101	84	172148	50.403	ug/l	97
21) trans-1,2-Dichloroethene	5.599	96	152673	48.494	ug/l	96
22) Diisopropyl ether	6.495	45	552258	50.835	ug/l	99
23) Vinyl Acetate	6.434	43	2066843	251.660	ug/l	99
24) 1,1-Dichloroethane	6.388	63	300249	50.868	ug/l	99
25) 2-Butanone	7.335	43	561644	250.298	ug/l	97
26) 2,2-Dichloropropane	7.327	77	232026	41.248	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	189403	49.768	ug/l	98
28) Bromochloromethane	7.659	49	140219	52.451	ug/l	97
29) Tetrahydrofuran	7.683	42	373084	256.329	ug/l	96
30) Chloroform	7.820	83	331640	53.314	ug/l	98
31) Cyclohexane	8.099	56	272408	44.061	ug/l	95
32) 1,1,1-Trichloroethane	8.016	97	296356	51.106	ug/l	99
36) 1,1-Dichloropropene	8.222	75	231065	49.740	ug/l	99
37) Ethyl Acetate	7.412	43	239137	49.843	ug/l	99
38) Carbon Tetrachloride	8.209	117	252144	49.422	ug/l	99
39) Methylcyclohexane	9.461	83	287039	48.007	ug/l	97
40) Benzene	8.461	78	717474	50.721	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	119532	49.424	ug/l	97
42) 1,2-Dichloroethane	8.531	62	265326	52.968	ug/l	100
43) Isopropyl Acetate	8.560	43	424358	50.130	ug/l	99
44) Trichloroethene	9.217	130	179235	50.627	ug/l	99
45) 1,2-Dichloropropane	9.491	63	186663	50.854	ug/l	98
46) Dibromomethane	9.579	93	131295	52.401	ug/l	98
47) Bromodichloromethane	9.765	83	265627	51.159	ug/l	100
48) Methyl methacrylate	9.561	41	184365	46.352	ug/l	88
49) 1,4-Dioxane	9.569	88	71886	929.888	ug/l	96
51) 4-Methyl-2-Pentanone	10.330	43	1282766	261.337	ug/l	99
52) Toluene	10.507	92	476040	52.307	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	291765	49.607	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	301987	49.350	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	191056	53.246	ug/l	98
56) Ethyl methacrylate	10.762	69	313298	52.004	ug/l	98
57) 1,3-Dichloropropane	11.047	76	319363	53.977	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	478560	268.533	ug/l	99
59) 2-Hexanone	11.087	43	949012	269.604	ug/l	100
60) Dibromochloromethane	11.240	129	204684	50.537	ug/l	100
61) 1,2-Dibromoethane	11.347	107	198823	54.022	ug/l	100
64) Tetrachloroethene	10.979	164	157376	47.073	ug/l	97
65) Chlorobenzene	11.773	112	518684	52.815	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	194751	50.666	ug/l	100
67) Ethyl Benzene	11.846	91	958735	52.556	ug/l	99
68) m/p-Xylenes	11.956	106	717850	103.805	ug/l	99
69) o-Xylene	12.283	106	358946	51.856	ug/l	98
70) Styrene	12.296	104	609860	54.125	ug/l	100
71) Bromoform	12.460	173	147987	48.061	ug/l #	98
73) Isopropylbenzene	12.581	105	969009	51.352	ug/l	99
74) N-amyl acetate	12.388	43	368966	51.611	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	291889	53.526	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	229444m	47.567	ug/l	
77) Bromobenzene	12.862	156	218107	52.271	ug/l	100
78) n-propylbenzene	12.924	91	1098701	51.811	ug/l	100
79) 2-Chlorotoluene	13.010	91	678122	51.882	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	800652	50.941	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	89053	44.169	ug/l	97
82) 4-Chlorotoluene	13.106	91	665783	52.713	ug/l	100
83) tert-Butylbenzene	13.326	119	708533	51.786	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	788833	52.090	ug/l	100
85) sec-Butylbenzene	13.503	105	988649	52.175	ug/l	100
86) p-Isopropyltoluene	13.619	119	799197	52.583	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	381788	52.897	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	369514	51.584	ug/l	99
89) n-Butylbenzene	13.946	91	658416	52.037	ug/l	100
90) Hexachloroethane	14.214	117	153982	48.230	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	363864	51.898	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	52273	49.718	ug/l	98
93) 1,2,4-Trichlorobenzene	15.265	180	171911	45.402	ug/l	99
94) Hexachlorobutadiene	15.373	225	94183	47.177	ug/l	99
95) Naphthalene	15.507	128	485634	46.451	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	166589	46.184	ug/l	99

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

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