

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020222\
 Data File : VN070891.D
 Acq On : 2 Feb 2022 13:46
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Feb 02 15:19:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:12:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/03/2022
 Supervised By : Mahesh Dadoda 02/04/2022

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	766874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1257420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1145297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	468084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	218839	19.912	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	39.820%#		
35) Dibromofluoromethane	8.021	113	160282	20.550	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	41.100%#		
50) Toluene-d8	10.440	98	663339	20.188	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	40.380%#		
62) 4-Bromofluorobenzene	12.728	95	229342	19.587	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	39.180%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	177311	20.009	ug/l	99
3) Chloromethane	2.303	50	205931	15.898	ug/l	99
4) Vinyl Chloride	2.448	62	184651	14.988	ug/l	99
5) Bromomethane	2.850	94	88423	13.781	ug/l	98
6) Chloroethane	3.019	64	85190	11.081	ug/l	97
7) Trichlorofluoromethane	3.379	101	207849	14.768	ug/l	99
8) Diethyl Ether	3.824	74	118185	19.224	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.205	101	157742	18.545	ug/l	96
10) Methyl Iodide	4.419	142	229018	20.879	ug/l	98
11) Tert butyl alcohol	5.380	59	203378	102.569	ug/l	98
12) 1,1-Dichloroethene	4.181	96	159962	18.855	ug/l	93
13) Acrolein	4.041	56	228539	80.365	ug/l	99
14) Allyl chloride	4.840	41	361990	19.583	ug/l	86
15) Acrylonitrile	5.557	53	628281	99.604	ug/l	99
16) Acetone	4.288	43	654529	85.804	ug/l	97
17) Carbon Disulfide	4.527	76	486377	21.109	ug/l	99
18) Methyl Acetate	4.857	43	296433	19.760	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	623564	20.575	ug/l	95
20) Methylene Chloride	5.095	84	193171	19.225	ug/l	89
21) trans-1,2-Dichloroethene	5.599	96	171038	20.031	ug/l	88
22) Diisopropyl ether	6.498	45	731066	19.953	ug/l	92
23) Vinyl Acetate	6.434	43	3206144	103.230	ug/l	95
24) 1,1-Dichloroethane	6.385	63	356942	19.476	ug/l	98
25) 2-Butanone	7.337	43	935172	97.425	ug/l	94
26) 2,2-Dichloropropane	7.327	77	278009	19.785	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	201892	19.904	ug/l	88
28) Bromochloromethane	7.657	49	162961	19.804	ug/l #	79
29) Tetrahydrofuran	7.689	42	608375	103.510	ug/l	88
30) Chloroform	7.817	83	342627	16.651	ug/l	100
31) Cyclohexane	8.094	56	364019	18.809	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	288888	20.308	ug/l	98
36) 1,1-Dichloropropene	8.220	75	259281	19.746	ug/l	97
37) Ethyl Acetate	7.412	43	350369	20.098	ug/l	97
38) Carbon Tetrachloride	8.206	117	238017	20.376	ug/l	99
39) Methylcyclohexane	9.459	83	322083	19.869	ug/l	90
40) Benzene	8.461	78	804742	19.779	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	184962	20.855	ug/l #	85
42) 1,2-Dichloroethane	8.528	62	276588	19.605	ug/l	99
43) Isopropyl Acetate	8.560	43	566119	21.261	ug/l	95
44) Trichloroethene	9.215	130	184233	19.974	ug/l	92
45) 1,2-Dichloropropane	9.488	63	218513	19.739	ug/l	100
46) Dibromomethane	9.577	93	131967	20.502	ug/l	95
47) Bromodichloromethane	9.762	83	265607	20.187	ug/l	100
48) Methyl methacrylate	9.558	41	267486	21.087	ug/l #	79
49) 1,4-Dioxane	9.569	88	81029	425.260	ug/l #	86
51) 4-Methyl-2-Pentanone	10.330	43	1771286	104.252	ug/l	98
52) Toluene	10.505	92	496855	20.415	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	293282	20.775	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	323359	20.493	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	194288	20.321	ug/l	98
56) Ethyl methacrylate	10.760	69	333532	20.751	ug/l	89
57) 1,3-Dichloropropane	11.044	76	337008	19.911	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	360170	94.907	ug/l	92
59) 2-Hexanone	11.084	43	1287759	104.333	ug/l	97
60) Dibromochloromethane	11.237	129	189643	21.265	ug/l	100
61) 1,2-Dibromoethane	11.344	107	197930	20.619	ug/l	100
64) Tetrachloroethene	10.977	164	159696	19.017	ug/l	95
65) Chlorobenzene	11.768	112	499443	20.127	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.838	131	181002	21.182	ug/l	98
67) Ethyl Benzene	11.843	91	927360	20.157	ug/l	96
68) m/p-Xylenes	11.950	106	690144	41.236	ug/l	95
69) o-Xylene	12.280	106	341331	20.551	ug/l	95
70) Styrene	12.294	104	547423	20.602	ug/l	97
71) Bromoform	12.457	173	144075	22.321	ug/l #	99
73) Isopropylbenzene	12.578	105	882660	19.932	ug/l	98
74) N-amyl acetate	12.388	43	379514	20.961	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	301682	20.172	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	227133m	18.295	ug/l	
77) Bromobenzene	12.860	156	205093	20.657	ug/l	80
78) n-propylbenzene	12.919	91	988871	19.968	ug/l	97
79) 2-Chlorotoluene	13.004	91	612575	19.554	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	720554	20.121	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.624	75	85775	20.583	ug/l	94
82) 4-Chlorotoluene	13.104	91	582079	19.886	ug/l	93
83) tert-Butylbenzene	13.321	119	620383	19.901	ug/l	95
84) 1,2,4-Trimethylbenzene	13.366	105	702514	20.409	ug/l	98
85) sec-Butylbenzene	13.501	105	857861	20.243	ug/l	97
86) p-Isopropyltoluene	13.613	119	684129	20.550	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	339572	20.560	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	330429	20.103	ug/l	97
89) n-Butylbenzene	13.940	91	562243	20.472	ug/l	97
90) Hexachloroethane	14.209	117	118358	20.339	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	329002	20.162	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	50844	20.042	ug/l	84
93) 1,2,4-Trichlorobenzene	15.260	180	161446	22.277	ug/l	99
94) Hexachlorobutadiene	15.367	225	110581	22.881	ug/l	100
95) Naphthalene	15.504	128	399701	21.340	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	153700	22.249	ug/l	98

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

