

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021522\
 Data File : VN070950.D
 Acq On : 15 Feb 2022 14:42
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 16 07:17:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:10:17 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/21/2022
 Supervised By :Semsettin Yesilyurt 02/21/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	715129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.957	114	1127729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1051247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	509549	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.427	65	829386	101.528	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 203.060%#	
35) Dibromofluoromethane	8.016	113	670115	99.902	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 199.800%#	
50) Toluene-d8	10.433	98	2707440	100.507	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 201.020%#	
62) 4-Bromofluorobenzene	12.727	95	998294	103.679	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 207.360%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.069	85	761980	102.588	ug/l	99
3) Chloromethane	2.298	50	919319	98.470	ug/l	98
4) Vinyl Chloride	2.446	62	952698	101.939	ug/l	98
5) Bromomethane	2.834	94	551341	103.849	ug/l	99
6) Chloroethane	3.010	64	593098	96.733	ug/l	98
7) Trichlorofluoromethane	3.369	101	1179114	100.674	ug/l	98
8) Diethyl Ether	3.816	74	520956	102.319	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.204	101	731708	101.826	ug/l	97
10) Methyl Iodide	4.410	142	1087619	109.285	ug/l	97
11) Tert butyl alcohol	5.375	59	816763	548.620	ug/l	98
12) 1,1-Dichloroethene	4.175	96	718397	102.611	ug/l	98
13) Acrolein	4.034	56	673781	506.480	ug/l	99
14) Allyl chloride	4.834	41	1378313	103.227	ug/l	89
15) Acrylonitrile	5.545	53	2341380	533.928	ug/l	99
16) Acetone	4.275	43	2144560	476.688	ug/l	94
17) Carbon Disulfide	4.522	76	2047163	101.965	ug/l	99
18) Methyl Acetate	4.845	43	1030223	94.897	ug/l	100
19) Methyl tert-butyl Ether	5.610	73	2660069	108.314	ug/l	97
20) Methylene Chloride	5.087	84	821191	100.436	ug/l	96
21) trans-1,2-Dichloroethene	5.586	96	780688	103.892	ug/l	96
22) Diisopropyl ether	6.492	45	2759615	107.760	ug/l	92
23) Vinyl Acetate	6.422	43	11918504	549.794	ug/l	99
24) 1,1-Dichloroethane	6.381	63	1494001	104.070	ug/l	99
25) 2-Butanone	7.328	43	3211644	536.634	ug/l	100
26) 2,2-Dichloropropane	7.316	77	1266438	106.146	ug/l	99
27) cis-1,2-Dichloroethene	7.316	96	915158	105.963	ug/l	95
28) Bromochloromethane	7.651	49	637128	109.654	ug/l	92
29) Tetrahydrofuran	7.675	42	2083599	537.418	ug/l	97
30) Chloroform	7.810	83	1448168	102.566	ug/l	98
31) Cyclohexane	8.086	56	1416220	100.241	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	1299753	106.596	ug/l	99
36) 1,1-Dichloropropene	8.216	75	1147500	104.418	ug/l	98
37) Ethyl Acetate	7.404	43	1255005	106.484	ug/l	99
38) Carbon Tetrachloride	8.198	117	1144925	105.738	ug/l	98
39) Methylcyclohexane	9.451	83	1502320	106.240	ug/l	97
40) Benzene	8.451	78	3349669	103.045	ug/l	99

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 Supervised By :Semsettin Yesilyurt 02/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	639503	103.023	ug/l	93
42) 1,2-Dichloroethane	8.522	62	1128970	101.974	ug/l	96
43) Isopropyl Acetate	8.557	43	2031669	109.363	ug/l	99
44) Trichloroethene	9.210	130	893677	104.402	ug/l	97
45) 1,2-Dichloropropane	9.480	63	881792	105.898	ug/l	100
46) Dibromomethane	9.569	93	567590	103.578	ug/l	99
47) Bromodichloromethane	9.757	83	1172641	105.883	ug/l	98
48) Methyl methacrylate	9.551	41	983598	111.859	ug/l #	84
49) 1,4-Dioxane	9.563	88	321345	2057.558	ug/l	94
51) 4-Methyl-2-Pentanone	10.321	43	6191154	547.753	ug/l	95
52) Toluene	10.498	92	2167572	106.117	ug/l	95
53) t-1,3-Dichloropropene	10.710	75	1360080	112.940	ug/l	99
54) cis-1,3-Dichloropropene	10.180	75	1454886	110.010	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	834025	104.312	ug/l	99
56) Ethyl methacrylate	10.757	69	1399474	116.170	ug/l #	93
57) 1,3-Dichloropropane	11.039	76	1455405	105.235	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	1409215	697.326	ug/l	98
59) 2-Hexanone	11.080	43	4422880	568.966	ug/l	95
60) Dibromochloromethane	11.233	129	932851	110.399	ug/l	100
61) 1,2-Dibromoethane	11.339	107	869527	106.919	ug/l	100
64) Tetrachloroethene	10.968	164	793142	96.877	ug/l	99
65) Chlorobenzene	11.763	112	2329353	102.829	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	875355	106.009	ug/l	99
67) Ethyl Benzene	11.839	91	4227437	106.626	ug/l	100
68) m/p-Xylenes	11.945	106	3290347	214.850	ug/l	99
69) o-Xylene	12.274	106	1620735	108.337	ug/l	99
70) Styrene	12.286	104	2695866	113.330	ug/l	98
71) Bromoform	12.451	173	738496	112.296	ug/l #	99
73) Isopropylbenzene	12.574	105	4183218	101.994	ug/l	100
74) N-amyl acetate	12.380	43	1525476	116.356	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.821	83	1264023	96.985	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	1061194m	83.721	ug/l	
77) Bromobenzene	12.851	156	1019958	101.586	ug/l	90
78) n-propylbenzene	12.915	91	4835938	104.943	ug/l	99
79) 2-Chlorotoluene	12.998	91	2868569	102.505	ug/l	96
80) 1,3,5-Trimethylbenzene	13.051	105	3485816	104.907	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.615	75	418135	112.937	ug/l	85
82) 4-Chlorotoluene	13.098	91	2850440	104.931	ug/l	97
83) tert-Butylbenzene	13.315	119	3081415	97.784	ug/l	98
84) 1,2,4-Trimethylbenzene	13.362	105	3438285	105.118	ug/l	99
85) sec-Butylbenzene	13.492	105	4412452	106.265	ug/l	100
86) p-Isopropyltoluene	13.609	119	3735472	109.586	ug/l	99
87) 1,3-Dichlorobenzene	13.609	146	1839791	103.512	ug/l	98
88) 1,4-Dichlorobenzene	13.686	146	1791478	102.876	ug/l	98
89) n-Butylbenzene	13.933	91	3086095	110.968	ug/l	96
90) Hexachloroethane	14.204	117	672616	110.491	ug/l	94
91) 1,2-Dichlorobenzene	13.980	146	1701121	101.925	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	235418	111.485	ug/l	96
93) 1,2,4-Trichlorobenzene	15.256	180	985961	118.854	ug/l	100
94) Hexachlorobutadiene	15.362	225	583498	95.872	ug/l	100
95) Naphthalene	15.498	128	2444421	142.278	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	912889	121.686	ug/l	99

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

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