

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021522\
 Data File : VN070948.D
 Acq On : 15 Feb 2022 13:36
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Feb 16 07:14:45 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	8.081	168	754641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1166386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1061167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	480012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	159219	18.470	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	36.940%#		
35) Dibromofluoromethane	8.016	113	133535	19.248	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	38.500%#		
50) Toluene-d8	10.433	98	523691	18.796	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	37.600%#		
62) 4-Bromofluorobenzene	12.721	95	178509	17.925	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	35.840%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	150112	19.152	ug/l	100
3) Chloromethane	2.299	50	187786	19.061	ug/l	97
4) Vinyl Chloride	2.446	62	186734	18.934	ug/l	99
5) Bromomethane	2.857	94	116044	20.713	ug/l	97
6) Chloroethane	3.022	64	117382	18.142	ug/l	93
7) Trichlorofluoromethane	3.375	101	234050	18.937	ug/l	95
8) Diethyl Ether	3.822	74	101840	18.955	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.204	101	145559	19.196	ug/l	96
10) Methyl Iodide	4.416	142	201569	19.193	ug/l	97
11) Tert butyl alcohol	5.369	59	144635	92.065	ug/l	99
12) 1,1-Dichloroethene	4.181	96	140010	18.951	ug/l	94
13) Acrolein	4.034	56	121579	86.606	ug/l	99
14) Allyl chloride	4.828	41	263155	18.677	ug/l	88
15) Acrylonitrile	5.545	53	449930	97.230	ug/l	99
16) Acetone	4.281	43	499440	105.202	ug/l	94
17) Carbon Disulfide	4.522	76	396013	18.692	ug/l	98
18) Methyl Acetate	4.846	43	202839	17.706	ug/l	99
19) Methyl tert-butyl Ether	5.604	73	509357	19.654	ug/l	96
20) Methylene Chloride	5.087	84	163204	18.916	ug/l	95
21) trans-1,2-Dichloroethene	5.587	96	152866	19.278	ug/l	91
22) Diisopropyl ether	6.487	45	539740	19.973	ug/l	94
23) Vinyl Acetate	6.428	43	2242002	98.007	ug/l	99
24) 1,1-Dichloroethane	6.381	63	294636	19.449	ug/l	99
25) 2-Butanone	7.328	43	635476	100.622	ug/l	97
26) 2,2-Dichloropropane	7.316	77	246513	19.580	ug/l	99
27) cis-1,2-Dichloroethene	7.316	96	178980	19.638	ug/l	95
28) Bromochloromethane	7.651	49	119653	19.515	ug/l	91
29) Tetrahydrofuran	7.681	42	405012	98.994	ug/l	96
30) Chloroform	7.810	83	287520	19.297	ug/l	97
31) Cyclohexane	8.086	56	292063	19.590	ug/l	98
32) 1,1,1-Trichloroethane	8.004	97	253825	19.727	ug/l	98
36) 1,1-Dichloropropene	8.216	75	222315	19.559	ug/l	98
37) Ethyl Acetate	7.404	43	239734	19.667	ug/l	99
38) Carbon Tetrachloride	8.198	117	219444	19.595	ug/l	97
39) Methylcyclohexane	9.451	83	281142	19.223	ug/l	97
40) Benzene	8.457	78	664220	19.756	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	131739	20.520	ug/l #	86
42) 1,2-Dichloroethane	8.522	62	223627	19.530	ug/l	97
43) Isopropyl Acetate	8.551	43	377212	19.632	ug/l	99
44) Trichloroethene	9.204	130	174507	19.711	ug/l	99
45) 1,2-Dichloropropane	9.480	63	169643	19.698	ug/l	100
46) Dibromomethane	9.575	93	111392	19.654	ug/l	98
47) Bromodichloromethane	9.751	83	223965	19.552	ug/l	98
48) Methyl methacrylate	9.551	41	175171	19.261	ug/l #	88
49) 1,4-Dioxane	9.563	88	61248	379.171	ug/l #	87
51) 4-Methyl-2-Pentanone	10.322	43	1162029	99.401	ug/l	96
52) Toluene	10.498	92	420319	19.895	ug/l	96
53) t-1,3-Dichloropropene	10.710	75	240659	19.322	ug/l	97
54) cis-1,3-Dichloropropene	10.180	75	265722	19.426	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	158502	19.167	ug/l	100
56) Ethyl methacrylate	10.751	69	243726	19.561	ug/l #	93
57) 1,3-Dichloropropane	11.039	76	282032	19.717	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	173638	83.074	ug/l	100
59) 2-Hexanone	11.080	43	806307	100.287	ug/l	96
60) Dibromochloromethane	11.233	129	168891	19.325	ug/l	100
61) 1,2-Dibromoethane	11.339	107	165914	19.725	ug/l	98
64) Tetrachloroethene	10.969	164	164853	19.948	ug/l	96
65) Chlorobenzene	11.763	112	441198	19.295	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	163589	19.626	ug/l	99
67) Ethyl Benzene	11.839	91	791760	19.783	ug/l	99
68) m/p-Xylenes	11.945	106	619023	40.043	ug/l	99
69) o-Xylene	12.274	106	301581	19.970	ug/l	100
70) Styrene	12.286	104	473084	19.702	ug/l	99
71) Bromoform	12.451	173	128551	19.365	ug/l #	100
73) Isopropylbenzene	12.569	105	773520	20.020	ug/l	99
74) N-amyl acetate	12.380	43	232953	18.862	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.821	83	243504	19.833	ug/l	97
76) 1,2,3-Trichloropropane	12.874	75	246057m	20.607	ug/l	
77) Bromobenzene	12.851	156	187766	19.852	ug/l	92
78) n-propylbenzene	12.916	91	879420	20.258	ug/l	98
79) 2-Chlorotoluene	12.998	91	525408	19.930	ug/l	97
80) 1,3,5-Trimethylbenzene	13.051	105	632530	20.208	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	62773	17.998	ug/l	90
82) 4-Chlorotoluene	13.098	91	510968	19.967	ug/l	97
83) tert-Butylbenzene	13.316	119	579367	19.517	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	613852	19.922	ug/l	99
85) sec-Butylbenzene	13.492	105	791707	20.240	ug/l	99
86) p-Isopropyltoluene	13.610	119	650786	20.267	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	331693	19.810	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	319987	19.506	ug/l	97
89) n-Butylbenzene	13.939	91	507446	19.369	ug/l	97
90) Hexachloroethane	14.204	117	110023	19.186	ug/l	95
91) 1,2-Dichlorobenzene	13.980	146	307879	19.582	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	37751	18.977	ug/l	94
93) 1,2,4-Trichlorobenzene	15.257	180	152283	19.487	ug/l	97
94) Hexachlorobutadiene	15.362	225	112997	19.708	ug/l	99
95) Naphthalene	15.498	128	279692	17.281	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	134252	18.997	ug/l	99

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

