

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071652.D
 Acq On : 30 Mar 2022 12:03
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 30 12:21:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 12:20:02 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/31/2022
 Supervised By : Mahesh Dadoda 04/01/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	571867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	891780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	839027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	361282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	659421	96.965	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 193.940%#			
35) Dibromofluoromethane	8.016	113	548433	101.022	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 202.040%#			
50) Toluene-d8	10.433	98	220033	98.218	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 196.440%#			
62) 4-Bromofluorobenzene	12.721	95	781797	106.720	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 213.440%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	448171	81.509	ug/l	97
3) Chloromethane	2.299	50	511500	78.599	ug/l	100
4) Vinyl Chloride	2.440	62	598161	82.667	ug/l	99
5) Bromomethane	2.822	94	314627	74.382	ug/l	98
6) Chloroethane	2.993	64	397008	75.858	ug/l	98
7) Trichlorofluoromethane	3.363	101	762948	87.984	ug/l	98
8) Diethyl Ether	3.822	74	339455	93.919	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.204	101	465940	88.387	ug/l	99
10) Methyl Iodide	4.416	142	694236	89.879	ug/l	99
11) Tert butyl alcohol	5.369	59	572655	476.491	ug/l	100
12) 1,1-Dichloroethene	4.181	96	454957	89.495	ug/l	98
13) Acrolein	4.034	56	649409	591.689	ug/l	98
14) Allyl chloride	4.840	41	763244	93.496	ug/l	99
15) Acrylonitrile	5.545	53	1552757	460.650	ug/l	100
16) Acetone	4.281	43	1226293	433.914	ug/l	98
17) Carbon Disulfide	4.528	76	1003468	79.779	ug/l	99
18) Methyl Acetate	4.846	43	675507	77.262	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	1756956	93.924	ug/l	98
20) Methylene Chloride	5.093	84	547066	88.071	ug/l	98
21) trans-1,2-Dichloroethene	5.598	96	492629	90.145	ug/l	97
22) Diisopropyl ether	6.487	45	1634637	93.489	ug/l	99
23) Vinyl Acetate	6.428	43	7165916	486.463	ug/l	100
24) 1,1-Dichloroethane	6.381	63	957579	92.161	ug/l	98
25) 2-Butanone	7.328	43	2003663	458.214	ug/l	99
26) 2,2-Dichloropropane	7.322	77	833142	93.267	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	625553	92.935	ug/l	98
28) Bromochloromethane	7.651	49	399855	97.145	ug/l	100
29) Tetrahydrofuran	7.675	42	1316163	462.746	ug/l	99
30) Chloroform	7.810	83	988864	92.712	ug/l	98
31) Cyclohexane	8.092	56	793623	83.563	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	863922	93.552	ug/l	99
36) 1,1-Dichloropropene	8.216	75	710211	90.635	ug/l	100
37) Ethyl Acetate	7.404	43	810210	93.895	ug/l	99
38) Carbon Tetrachloride	8.198	117	719892	92.922	ug/l	98
39) Methylcyclohexane	9.457	83	882961	91.381	ug/l	99
40) Benzene	8.457	78	2211288	91.891	ug/l	100

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41) Methacrylonitrile	7.628	41	405403	97.020	ug/l	96
42) 1,2-Dichloroethane	8.522	62	771867	92.829	ug/l	100
43) Isopropyl Acetate	8.551	43	1286085	84.717	ug/l	100
44) Trichloroethene	9.210	130	586609	92.493	ug/l	98
45) 1,2-Dichloropropane	9.486	63	569644	95.861	ug/l	100
46) Dibromomethane	9.569	93	382345	94.084	ug/l	99
47) Bromodichloromethane	9.757	83	791319	98.787	ug/l	99
48) Methyl methacrylate	9.551	41	612816	100.141	ug/l	99
49) 1,4-Dioxane	9.563	88	260395	1908.620	ug/l	98
51) 4-Methyl-2-Pentanone	10.328	43	4170029	495.348	ug/l	99
52) Toluene	10.498	92	1446837	93.281	ug/l	99
53) t-1,3-Dichloropropene	10.710	75	889126	102.038	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	945332	99.784	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	590295	94.232	ug/l	98
56) Ethyl methacrylate	10.757	69	970949	104.076	ug/l	98
57) 1,3-Dichloropropane	11.039	76	986915	94.525	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	1398196	588.091	ug/l	100
59) 2-Hexanone	11.080	43	2991766	497.400	ug/l	99
60) Dibromochloromethane	11.233	129	630096	100.596	ug/l	99
61) 1,2-Dibromoethane	11.339	107	606829	96.063	ug/l	98
64) Tetrachloroethene	10.975	164	497410	86.116	ug/l	98
65) Chlorobenzene	11.763	112	1621943	92.822	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	598242	95.533	ug/l	99
67) Ethyl Benzene	11.839	91	2885928	95.788	ug/l	98
68) m/p-Xylenes	11.945	106	2238575	195.209	ug/l	100
69) o-Xylene	12.274	106	1127984	97.970	ug/l	99
70) Styrene	12.286	104	1855251	105.585	ug/l	99
71) Bromoform	12.451	173	503473	101.775	ug/l #	100
73) Isopropylbenzene	12.574	105	2871261	90.752	ug/l	99
74) N-amyl acetate	12.380	43	924554	96.197	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	869009	82.100	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	765405m	88.335	ug/l	
77) Bromobenzene	12.851	156	704402	88.438	ug/l	98
78) n-propylbenzene	12.916	91	3229586	94.646	ug/l	100
79) 2-Chlorotoluene	13.004	91	1936700	90.627	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	2336408	93.518	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	287786	95.888	ug/l	97
82) 4-Chlorotoluene	13.098	91	1860185	93.267	ug/l	100
83) tert-Butylbenzene	13.316	119	2140245	93.277	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	2292328	93.534	ug/l	100
85) sec-Butylbenzene	13.498	105	2891910	95.559	ug/l	99
86) p-Isopropyltoluene	13.610	119	2399153	99.590	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	1187635	92.485	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	1144136	89.736	ug/l	99
89) n-Butylbenzene	13.933	91	1862446	102.333	ug/l	99
90) Hexachloroethane	14.204	117	431812	95.607	ug/l	98
91) 1,2-Dichlorobenzene	13.980	146	1114530	88.835	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	167244	91.663	ug/l	98
93) 1,2,4-Trichlorobenzene	15.257	180	590056	106.281	ug/l	99
94) Hexachlorobutadiene	15.362	225	302279	86.167	ug/l	99
95) Naphthalene	15.498	128	1739421	115.163	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	573911	103.397	ug/l	100

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

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