

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071607.D
 Acq On : 28 Mar 2022 16:22
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Mar 29 08:17:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 08:13:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	673721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1063139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	962414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	379549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.427	65	165001	19.705	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	39.400%#		
35) Dibromofluoromethane	8.016	113	134237	19.969	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	39.940%#		
50) Toluene-d8	10.439	98	547834	20.124	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	40.240%#		
62) 4-Bromofluorobenzene	12.727	95	172342	19.260	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	38.520%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	137062	19.661	ug/l	100
3) Chloromethane	2.298	50	157593	18.089	ug/l	95
4) Vinyl Chloride	2.440	62	183285	19.591	ug/l	98
5) Bromomethane	2.834	94	117504	23.668	ug/l	98
6) Chloroethane	3.010	64	137686	21.622	ug/l	98
7) Trichlorofluoromethane	3.369	101	214332	19.694	ug/l	99
8) Diethyl Ether	3.822	74	86361	19.006	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.210	101	130161	19.898	ug/l	99
10) Methyl Iodide	4.416	142	189377	20.132	ug/l	99
11) Tert butyl alcohol	5.357	59	137776	89.504	ug/l	100
12) 1,1-Dichloroethene	4.187	96	125835	19.607	ug/l	96
13) Acrolein	4.040	56	113049	94.620	ug/l	99
14) Allyl chloride	4.839	41	196321	18.960	ug/l	100
15) Acrylonitrile	5.545	53	405092	96.018	ug/l	100
16) Acetone	4.281	43	331218	97.202	ug/l	99
17) Carbon Disulfide	4.528	76	313341	18.984	ug/l	99
18) Methyl Acetate	4.851	43	186658	18.275	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	446017	19.328	ug/l	96
20) Methylene Chloride	5.092	84	150146	18.847	ug/l	97
21) trans-1,2-Dichloroethene	5.592	96	133091	19.182	ug/l	94
22) Diisopropyl ether	6.492	45	426441	19.810	ug/l	97
23) Vinyl Acetate	6.428	43	1781947	96.439	ug/l	99
24) 1,1-Dichloroethane	6.381	63	249108	19.106	ug/l	99
25) 2-Butanone	7.328	43	523823	95.755	ug/l	99
26) 2,2-Dichloropropane	7.322	77	217937	19.903	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	162295	19.486	ug/l	98
28) Bromochloromethane	7.657	49	91708	17.223	ug/l	98
29) Tetrahydrofuran	7.675	42	347446	95.529	ug/l	99
30) Chloroform	7.816	83	258618	19.687	ug/l	97
31) Cyclohexane	8.092	56	236068	19.900	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	225584	19.755	ug/l	98
36) 1,1-Dichloropropene	8.216	75	191229	19.907	ug/l	99
37) Ethyl Acetate	7.404	43	212606	20.382	ug/l	99
38) Carbon Tetrachloride	8.198	117	190763	20.245	ug/l	98
39) Methylcyclohexane	9.457	83	244687	20.817	ug/l	97
40) Benzene	8.457	78	597603	19.962	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	99215	19.816	ug/l	98
42) 1,2-Dichloroethane	8.527	62	203606	19.524	ug/l	99
43) Isopropyl Acetate	8.551	43	326204	18.224	ug/l	99
44) Trichloroethene	9.210	130	154781	19.885	ug/l	100
45) 1,2-Dichloropropane	9.486	63	146757	19.777	ug/l	99
46) Dibromomethane	9.569	93	100303	19.821	ug/l	100
47) Bromodichloromethane	9.757	83	196046	19.728	ug/l	98
48) Methyl methacrylate	9.551	41	149339	19.745	ug/l	99
49) 1,4-Dioxane	9.563	88	67195	389.631	ug/l	99
51) 4-Methyl-2-Pentanone	10.321	43	1031330	98.374	ug/l	100
52) Toluene	10.498	92	383616	20.446	ug/l	100
53) t-1,3-Dichloropropene	10.710	75	207630	19.500	ug/l	99
54) cis-1,3-Dichloropropene	10.180	75	234875	19.978	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	150903	19.765	ug/l	98
56) Ethyl methacrylate	10.757	69	227338	19.840	ug/l	99
57) 1,3-Dichloropropane	11.039	76	255660	19.969	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	245576	86.279	ug/l	99
59) 2-Hexanone	11.080	43	738381	97.779	ug/l	100
60) Dibromochloromethane	11.233	129	152853	19.820	ug/l	99
61) 1,2-Dibromoethane	11.339	107	153705	20.010	ug/l	99
64) Tetrachloroethene	10.969	164	133754	20.015	ug/l	98
65) Chlorobenzene	11.763	112	411152	20.086	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	143929	19.792	ug/l	99
67) Ethyl Benzene	11.839	91	713430	20.281	ug/l	99
68) m/p-Xylenes	11.945	106	551735	41.050	ug/l	100
69) o-Xylene	12.274	106	274463	20.518	ug/l	98
70) Styrene	12.286	104	416839	19.969	ug/l	99
71) Bromoform	12.451	173	112809	19.750	ug/l #	100
73) Isopropylbenzene	12.574	105	696060	20.836	ug/l	100
74) N-amyl acetate	12.380	43	200885	18.826	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	224371	19.725	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	192556m	22.378	ug/l	
77) Bromobenzene	12.857	156	166979	20.014	ug/l	99
78) n-propylbenzene	12.915	91	735143	20.699	ug/l	100
79) 2-Chlorotoluene	13.004	91	465702	20.328	ug/l	99
80) 1,3,5-Trimethylbenzene	13.051	105	552236	20.948	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	60263	19.059	ug/l	96
82) 4-Chlorotoluene	13.098	91	424182	20.097	ug/l	99
83) tert-Butylbenzene	13.315	119	499833	20.939	ug/l	99
84) 1,2,4-Trimethylbenzene	13.362	105	537933	21.143	ug/l	100
85) sec-Butylbenzene	13.498	105	654140	20.694	ug/l	100
86) p-Isopropyltoluene	13.610	119	529496	21.041	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	264869	19.557	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	255663	19.114	ug/l	99
89) n-Butylbenzene	13.939	91	369674	19.143	ug/l	99
90) Hexachloroethane	14.204	117	96158	19.621	ug/l	98
91) 1,2-Dichlorobenzene	13.986	146	263088	20.204	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	37818	19.234	ug/l	94
93) 1,2,4-Trichlorobenzene	15.262	180	104950	17.390	ug/l	98
94) Hexachlorobutadiene	15.362	225	73864	20.199	ug/l	99
95) Naphthalene	15.498	128	279516	16.942	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	104877	17.595	ug/l	99

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

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