

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071610.D
 Acq On : 28 Mar 2022 17:34
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 29 08:18:31 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 03/30/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	595971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	954416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	929556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	372211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	1078540	145.603	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 291.200%#			
35) Dibromofluoromethane	8.016	113	875504	145.073	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 290.140%#			
50) Toluene-d8	10.439	98	3645738	149.174	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 298.340%#			
62) 4-Bromofluorobenzene	12.727	95	1233771	153.587	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 307.180%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	829066	134.442	ug/l	99
3) Chloromethane	2.299	50	911739	118.304	ug/l	99
4) Vinyl Chloride	2.440	62	1085431	131.153	ug/l	98
5) Bromomethane	2.816	94	351749	80.094	ug/l	97
6) Chloroethane	2.981	64	684582	121.532	ug/l	100
7) Trichlorofluoromethane	3.357	101	1309963	136.069	ug/l	100
8) Diethyl Ether	3.816	74	569440	141.667	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.204	101	795846	137.535	ug/l	99
10) Methyl Iodide	4.416	142	1226470	147.389	ug/l	99
11) Tert butyl alcohol	5.369	59	1025501	753.111	ug/l	100
12) 1,1-Dichloroethene	4.175	96	784823	138.243	ug/l	99
13) Acrolein	4.034	56	817631	773.621	ug/l	98
14) Allyl chloride	4.834	41	1305110	142.485	ug/l	99
15) Acrylonitrile	5.545	53	2735723	733.039	ug/l	99
16) Acetone	4.275	43	2097322	695.794	ug/l	100
17) Carbon Disulfide	4.522	76	1884307	129.055	ug/l	100
18) Methyl Acetate	4.845	43	1144074	126.626	ug/l	100
19) Methyl tert-butyl Ether	5.610	73	2958560	144.937	ug/l	99
20) Methylene Chloride	5.087	84	918053	130.275	ug/l	99
21) trans-1,2-Dichloroethene	5.592	96	842292	137.232	ug/l	98
22) Diisopropyl ether	6.487	45	2719387	142.810	ug/l	99
23) Vinyl Acetate	6.428	43	12244048	749.097	ug/l	100
24) 1,1-Dichloroethane	6.381	63	1609155	139.518	ug/l	98
25) 2-Butanone	7.328	43	3544748	732.518	ug/l	99
26) 2,2-Dichloropropane	7.316	77	1405962	145.150	ug/l	99
27) cis-1,2-Dichloroethene	7.316	96	1049570	142.459	ug/l	99
28) Bromochloromethane	7.651	49	672183	142.710	ug/l	99
29) Tetrahydrofuran	7.675	42	2310135	718.023	ug/l	100
30) Chloroform	7.810	83	1644614	141.529	ug/l	99
31) Cyclohexane	8.092	56	1369984	130.555	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	1466071	145.140	ug/l	98
36) 1,1-Dichloropropene	8.216	75	1223055	141.823	ug/l	100
37) Ethyl Acetate	7.404	43	1414436	151.044	ug/l	100
38) Carbon Tetrachloride	8.204	117	1239353	146.510	ug/l	99
39) Methylcyclohexane	9.457	83	1549958	146.887	ug/l	99
40) Benzene	8.457	78	3750143	139.534	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	707711	157.453	ug/l	95
42) 1,2-Dichloroethane	8.522	62	1298254	138.669	ug/l	99
43) Isopropyl Acetate	8.551	43	2278461	141.791	ug/l	99
44) Trichloroethene	9.210	130	1000840	143.225	ug/l	98
45) 1,2-Dichloropropane	9.486	63	954511	143.282	ug/l	99
46) Dibromomethane	9.569	93	652874	143.711	ug/l	99
47) Bromodichloromethane	9.757	83	1335455	149.692	ug/l	99
48) Methyl methacrylate	9.551	41	1088248	160.276	ug/l	100
49) 1,4-Dioxane	9.563	88	458462	2961.227	ug/l	97
51) 4-Methyl-2-Pentanone	10.327	43	7344771	780.391	ug/l	99
52) Toluene	10.498	92	2487053	147.654	ug/l	99
53) t-1,3-Dichloropropene	10.710	75	1536553	160.746	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	1624297	153.895	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	1002105	146.209	ug/l	99
56) Ethyl methacrylate	10.757	69	1703174	165.572	ug/l	98
57) 1,3-Dichloropropane	11.039	76	1679075	146.088	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	2489266	974.184	ug/l	100
59) 2-Hexanone	11.080	43	5132571	757.096	ug/l	99
60) Dibromochloromethane	11.233	129	1091553	157.665	ug/l	99
61) 1,2-Dibromoethane	11.339	107	1058584	153.507	ug/l	100
64) Tetrachloroethene	10.974	164	854695	132.415	ug/l	99
65) Chlorobenzene	11.763	112	2807145	141.982	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	1034916	147.347	ug/l	99
67) Ethyl Benzene	11.839	91	4972523	146.352	ug/l	98
68) m/p-Xylenes	11.945	106	3859287	297.284	ug/l	99
69) o-Xylene	12.274	106	1932324	149.562	ug/l	98
70) Styrene	12.292	104	3129552	155.221	ug/l	100
71) Bromoform	12.457	173	848304	153.764	ug/l #	99
73) Isopropylbenzene	12.574	105	4916191	150.062	ug/l	99
74) N-amyl acetate	12.380	43	1560374	149.113	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	1391446	124.734	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	1272314m	150.774	ug/l	
77) Bromobenzene	12.857	156	1156564	141.359	ug/l	97
78) n-propylbenzene	12.915	91	5383917	154.580	ug/l	99
79) 2-Chlorotoluene	13.004	91	3170190	141.108	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	3789181	146.566	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	484811	156.350	ug/l	96
82) 4-Chlorotoluene	13.098	91	3025213	146.153	ug/l	100
83) tert-Butylbenzene	13.321	119	3471355	148.286	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	3701600	148.357	ug/l	100
85) sec-Butylbenzene	13.498	105	4693930	151.423	ug/l	100
86) p-Isopropyltoluene	13.610	119	3858503	156.354	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	1916194	144.275	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	1850586	141.080	ug/l	99
89) n-Butylbenzene	13.939	91	3026682	159.824	ug/l	100
90) Hexachloroethane	14.204	117	699376	145.523	ug/l	98
91) 1,2-Dichlorobenzene	13.986	146	1805048	141.354	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	295903	153.462	ug/l	99
93) 1,2,4-Trichlorobenzene	15.257	180	1012712	171.115	ug/l	99
94) Hexachlorobutadiene	15.362	225	479672	133.756	ug/l	99
95) Naphthalene	15.498	128	3056503	188.910	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	984846	168.482	ug/l	99

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QLast Update : Tue Mar 29 08:13:31 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

