

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060822\
 Data File : VN072705.D
 Acq On : 08 Jun 2022 17:51
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/09/2022
 Supervised By : Mahesh Dadoda 06/09/2022

Quant Time: Jun 09 04:23:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 04:20:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	172589	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	310773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	328345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	156032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	223340	89.528	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 179.060%#			
35) Dibromofluoromethane	8.016	113	152051	67.670	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 135.340%#			
50) Toluene-d8	10.439	98	608910	70.355	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 140.720%#			
62) 4-Bromofluorobenzene	12.727	95	214251	74.623	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 149.240%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	136134	74.216	ug/l	95
3) Chloromethane	2.293	50	152087	62.708	ug/l	100
4) Vinyl Chloride	2.434	62	146520	79.659	ug/l	99
5) Bromomethane	2.816	94	76016	71.734	ug/l	95
6) Chloroethane	2.993	64	99175	70.277	ug/l	95
7) Trichlorofluoromethane	3.357	101	233469	76.185	ug/l	96
8) Diethyl Ether	3.816	74	95486	86.103	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.199	101	126961	70.025	ug/l	90
10) Methyl Iodide	4.416	142	128727	63.154	ug/l	# 87
11) Tert butyl alcohol	5.363	59	271119	524.777	ug/l	99
12) 1,1-Dichloroethene	4.169	96	118808	70.911	ug/l	92
13) Acrolein	4.034	56	111165	390.799	ug/l	97
14) Allyl chloride	4.834	41	276558	83.826	ug/l	# 91
15) Acrylonitrile	5.546	53	589716	429.495	ug/l	99
16) Acetone	4.281	43	538717	456.298	ug/l	93
17) Carbon Disulfide	4.522	76	283104	67.690	ug/l	98
18) Methyl Acetate	4.851	43	279499	75.663	ug/l	91
19) Methyl tert-butyl Ether	5.610	73	553540	87.469	ug/l	97
20) Methylene Chloride	5.087	84	159636	68.025	ug/l	# 87
21) trans-1,2-Dichloroethene	5.587	96	132316	72.847	ug/l	91
22) Diisopropyl ether	6.493	45	570708	82.477	ug/l	96
23) Vinyl Acetate	6.428	43	2639822	439.767	ug/l	94
24) 1,1-Dichloroethane	6.381	63	297804	80.309	ug/l	99
25) 2-Butanone	7.328	43	868933	446.155	ug/l	92
26) 2,2-Dichloropropane	7.322	77	255958	86.733	ug/l	94
27) cis-1,2-Dichloroethene	7.316	96	172691	74.617	ug/l	89
28) Bromochloromethane	7.651	49	143692	89.523	ug/l	# 77
29) Tetrahydrofuran	7.681	42	539477	448.256	ug/l	90
30) Chloroform	7.816	83	310426	79.605	ug/l	99
31) Cyclohexane	8.092	56	246913	70.198	ug/l	90
32) 1,1,1-Trichloroethane	8.010	97	277185	83.600	ug/l	97
36) 1,1-Dichloropropene	8.216	75	211529	68.350	ug/l	94
37) Ethyl Acetate	7.410	43	335533	78.591	ug/l	94
38) Carbon Tetrachloride	8.204	117	229314	69.729	ug/l	97
39) Methylcyclohexane	9.457	83	244801	65.588	ug/l	92
40) Benzene	8.457	78	645248	65.373	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	111780m	52.764	ug/l	
42) 1,2-Dichloroethane	8.528	62	269766	79.566	ug/l	94
43) Isopropyl Acetate	8.557	43	514425	84.398	ug/l	93
44) Trichloroethene	9.210	130	152908	61.439	ug/l	88
45) 1,2-Dichloropropane	9.486	63	177153	68.299	ug/l	99
46) Dibromomethane	9.575	93	121515	69.942	ug/l #	84
47) Bromodichloromethane	9.757	83	257786	74.702	ug/l	97
48) Methyl methacrylate	9.557	41	233849	80.153	ug/l #	86
49) 1,4-Dioxane	9.569	88	96704	1696.609	ug/l #	91
51) 4-Methyl-2-Pentanone	10.328	43	1739644	417.688	ug/l	92
52) Toluene	10.504	92	413082	66.138	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	292593	81.391	ug/l	96
54) cis-1,3-Dichloropropene	10.186	75	292867	74.361	ug/l #	80
55) 1,1,2-Trichloroethane	10.892	97	174048	67.146	ug/l	95
56) Ethyl methacrylate	10.757	69	318894	77.021	ug/l #	82
57) 1,3-Dichloropropane	11.039	76	314319	70.581	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.039	63	664925	378.449	ug/l	93
59) 2-Hexanone	11.080	43	1336103	442.547	ug/l	90
60) Dibromochloromethane	11.233	129	190457	68.407	ug/l	100
61) 1,2-Dibromoethane	11.345	107	183910	67.810	ug/l	100
64) Tetrachloroethene	10.975	164	129915	52.755	ug/l #	86
65) Chlorobenzene	11.769	112	436730	57.022	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	174977	60.165	ug/l	97
67) Ethyl Benzene	11.845	91	829562	62.911	ug/l	97
68) m/p-Xylenes	11.951	106	589517	119.037	ug/l	89
69) o-Xylene	12.274	106	299427	62.152	ug/l	90
70) Styrene	12.292	104	484620	62.267	ug/l	94
71) Bromoform	12.457	173	130921	55.844	ug/l	99
73) Isopropylbenzene	12.574	105	801489	55.951	ug/l	97
74) N-amyl acetate	12.386	43	402833	73.584	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.827	83	283210	55.318	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	244865m	56.458	ug/l	
77) Bromobenzene	12.857	156	158558	46.320	ug/l	67
78) n-propylbenzene	12.916	91	912081	57.360	ug/l	94
79) 2-Chlorotoluene	13.004	91	560824	56.730	ug/l	93
80) 1,3,5-Trimethylbenzene	13.057	105	650475	58.105	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.622	75	96758	62.761	ug/l	89
82) 4-Chlorotoluene	13.104	91	520776	57.668	ug/l	94
83) tert-Butylbenzene	13.321	119	566325	55.076	ug/l	89
84) 1,2,4-Trimethylbenzene	13.363	105	633897	57.865	ug/l	95
85) sec-Butylbenzene	13.498	105	787921	57.015	ug/l	97
86) p-Isopropyltoluene	13.610	119	626741	57.699	ug/l	94
87) 1,3-Dichlorobenzene	13.610	146	268584	46.409	ug/l	95
88) 1,4-Dichlorobenzene	13.692	146	267411	46.909	ug/l	95
89) n-Butylbenzene	13.939	91	529399	59.695	ug/l	97
90) Hexachloroethane	14.210	117	137341	61.579	ug/l	72
91) 1,2-Dichlorobenzene	13.986	146	270734	48.530	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.604	75	66707	72.240	ug/l	73
93) 1,2,4-Trichlorobenzene	15.263	180	135285	47.038	ug/l	97
94) Hexachlorobutadiene	15.368	225	59356	35.815	ug/l	99
95) Naphthalene	15.504	128	544263	55.586	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	136864	44.582	ug/l	97

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

