

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072822\
 Data File : VN073619.D
 Acq On : 28 Jul 2022 12:09
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/29/2022
 Supervised By : Mahesh Dadoda 07/29/2022

Quant Time: Jul 29 01:31:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 01:29:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	391646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	627036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	598380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	299392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	223641	46.857	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.720%		
35) Dibromofluoromethane	7.951	113	190326	48.338	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.680%		
50) Toluene-d8	10.380	98	772356	49.848	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.700%		
62) 4-Bromofluorobenzene	12.674	95	253526	52.916	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	177664	47.517	ug/l	99
3) Chloromethane	2.269	50	241409	44.151	ug/l	100
4) Vinyl Chloride	2.404	62	310397	47.066	ug/l	98
5) Bromomethane	2.787	94	178880	46.425	ug/l	97
6) Chloroethane	2.957	64	201284	43.532	ug/l	99
7) Trichlorofluoromethane	3.310	101	333413	48.906	ug/l	98
8) Diethyl Ether	3.763	74	120437	48.172	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.134	101	174683	44.962	ug/l	100
10) Methyl Iodide	4.351	142	208819	54.223	ug/l	99
11) Tert butyl alcohol	5.292	59	257049	249.724	ug/l	99
12) 1,1-Dichloroethene	4.110	96	170931	46.903	ug/l	100
13) Acrolein	3.981	56	267259	261.897	ug/l	99
14) Allyl chloride	4.763	41	285372	47.320	ug/l	98
15) Acrylonitrile	5.475	53	700357	248.574	ug/l	99
16) Acetone	4.222	43	573621	224.389	ug/l	99
17) Carbon Disulfide	4.457	76	460332	46.050	ug/l	100
18) Methyl Acetate	4.781	43	296496	46.638	ug/l	100
19) Methyl tert-butyl Ether	5.534	73	628894	50.402	ug/l	97
20) Methylene Chloride	5.010	84	213138	41.918	ug/l	98
21) trans-1,2-Dichloroethene	5.516	96	192688	47.757	ug/l	97
22) Diisopropyl ether	6.410	45	627400	50.176	ug/l	97
23) Vinyl Acetate	6.351	43	2759273	260.138	ug/l	100
24) 1,1-Dichloroethane	6.304	63	360767	46.678	ug/l	99
25) 2-Butanone	7.257	43	964218	240.815	ug/l	99
26) 2,2-Dichloropropane	7.251	77	282680	45.362	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	235967	47.833	ug/l	96
28) Bromochloromethane	7.586	49	162221	49.785	ug/l	96
29) Tetrahydrofuran	7.610	42	639162	252.579	ug/l	99
30) Chloroform	7.745	83	383394	46.862	ug/l	100
31) Cyclohexane	8.022	56	326404	45.935	ug/l	97
32) 1,1,1-Trichloroethane	7.945	97	326467	48.078	ug/l	99
36) 1,1-Dichloropropene	8.151	75	278795	49.657	ug/l	99
37) Ethyl Acetate	7.339	43	369892	52.222	ug/l	98
38) Carbon Tetrachloride	8.133	117	275501	48.964	ug/l	98
39) Methylcyclohexane	9.398	83	349292	52.840	ug/l	98
40) Benzene	8.392	78	890364	49.265	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	175071	52.645	ug/l	94
42) 1,2-Dichloroethane	8.463	62	293773	47.569	ug/l	98
43) Isopropyl Acetate	8.492	43	517037	52.114	ug/l	99
44) Trichloroethene	9.151	130	226750	49.777	ug/l	100
45) 1,2-Dichloropropane	9.428	63	221540	48.992	ug/l	100
46) Dibromomethane	9.510	93	156269	49.587	ug/l	98
47) Bromodichloromethane	9.698	83	296355	49.356	ug/l	99
48) Methyl methacrylate	9.498	41	226294	52.828	ug/l	92
49) 1,4-Dioxane	9.504	88	130665	1104.716	ug/l	95
51) 4-Methyl-2-Pentanone	10.275	43	1881364	267.330	ug/l	99
52) Toluene	10.445	92	578105	52.638	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	314733	52.738	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	352715	52.710	ug/l	99
55) 1,1,2-Trichloroethane	10.839	97	232439	49.625	ug/l	99
56) Ethyl methacrylate	10.704	69	365294	57.432	ug/l	98
57) 1,3-Dichloropropane	10.986	76	390039	49.979	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	804410	276.724	ug/l	98
59) 2-Hexanone	11.027	43	1475227	274.750	ug/l	100
60) Dibromochloromethane	11.180	129	240413	51.569	ug/l	100
61) 1,2-Dibromoethane	11.286	107	244315	51.477	ug/l	99
64) Tetrachloroethene	10.916	164	222931	47.059	ug/l	97
65) Chlorobenzene	11.710	112	615392	48.320	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	225525	50.050	ug/l	99
67) Ethyl Benzene	11.786	91	1107766	52.266	ug/l	100
68) m/p-Xylenes	11.898	106	853334	104.972	ug/l	99
69) o-Xylene	12.221	106	425739	53.970	ug/l	99
70) Styrene	12.233	104	701263	55.565	ug/l	99
71) Bromoform	12.398	173	193414	52.866	ug/l #	100
73) Isopropylbenzene	12.521	105	1093539	49.705	ug/l	100
74) N-amyl acetate	12.327	43	421781	51.107	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	373363	44.038	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	283216m	39.923	ug/l	
77) Bromobenzene	12.798	156	270971	47.671	ug/l	98
78) n-propylbenzene	12.863	91	1261440	51.682	ug/l	99
79) 2-Chlorotoluene	12.951	91	743566	48.760	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	911032	50.862	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.568	75	114129	49.401	ug/l	99
82) 4-Chlorotoluene	13.045	91	718714	49.215	ug/l	98
83) tert-Butylbenzene	13.263	119	827453	52.334	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	917611	52.225	ug/l	100
85) sec-Butylbenzene	13.439	105	1153737	52.950	ug/l	100
86) p-Isopropyltoluene	13.557	119	953915	55.395	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	492868	48.202	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	489759	46.946	ug/l	98
89) n-Butylbenzene	13.880	91	757007	53.597	ug/l	99
90) Hexachloroethane	14.151	117	166883	47.238	ug/l	99
91) 1,2-Dichlorobenzene	13.927	146	500963	47.535	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	81217	48.613	ug/l	90
93) 1,2,4-Trichlorobenzene	15.198	180	279669	53.684	ug/l	99
94) Hexachlorobutadiene	15.304	225	137970	48.623	ug/l	99
95) Naphthalene	15.433	128	959273	56.619	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	289282	53.067	ug/l	99

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

