

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051822\
 Data File : VN072539.D
 Acq On : 18 May 2022 13:54
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: May 18 15:23:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 15:21:12 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/19/2022
 Supervised By : Mahesh Dadoda 05/19/2022

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

Internal Standards						
1) Pentafluorobenzene	8.075	168	167226	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	260333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	248124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	105235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	27920	10.857	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	21.720%#		
35) Dibromofluoromethane	8.022	113	18061	10.379	ug/l	0.01
Spiked Amount 50.000	Range 69 - 133		Recovery =	20.760%#		
50) Toluene-d8	10.433	98	66983	10.132	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	20.260%#		
62) 4-Bromofluorobenzene	12.727	95	22989	10.200	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	20.400%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.063	85	18865	9.321	ug/l	97
3) Chloromethane	2.293	50	16573	7.740	ug/l	100
4) Vinyl Chloride	2.446	62	14918	8.860	ug/l	95
5) Bromomethane	2.805	94	14016	13.084	ug/l	94
6) Chloroethane	2.916	64	16668	14.564	ug/l	92
7) Trichlorofluoromethane	3.287	101	34275	10.731	ug/l	93
8) Diethyl Ether	3.810	74	10224	9.065	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.169	101	16069	9.340	ug/l	91
10) Methyl Iodide	4.387	142	19130	8.447	ug/l	# 85
11) Tert butyl alcohol	5.422	59	13022	33.626	ug/l	# 94
12) 1,1-Dichloroethene	4.140	96	15105	9.390	ug/l	# 80
13) Acrolein	4.028	56	16153	41.771	ug/l	89
14) Allyl chloride	4.804	41	23758	7.924	ug/l	90
15) Acrylonitrile	5.557	53	47726	43.487	ug/l	97
16) Acetone	4.293	43	42740	44.340	ug/l	92
17) Carbon Disulfide	4.487	76	34919	8.357	ug/l	97
18) Methyl Acetate	4.851	43	23388	8.211	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	57291	9.646	ug/l	97
20) Methylene Chloride	5.069	84	18361	9.046	ug/l	97
21) trans-1,2-Dichloroethene	5.581	96	15290	8.901	ug/l	98
22) Diisopropyl ether	6.487	45	52518	8.536	ug/l	# 85
23) Vinyl Acetate	6.428	43	229151	44.506	ug/l	96
24) 1,1-Dichloroethane	6.369	63	32091	9.201	ug/l	99
25) 2-Butanone	7.334	43	63411m	41.405	ug/l	
26) 2,2-Dichloropropane	7.316	77	29791	10.051	ug/l	97
27) cis-1,2-Dichloroethene	7.310	96	19329	9.424	ug/l	94
28) Bromochloromethane	7.645	49	13971	9.408	ug/l	# 92
29) Tetrahydrofuran	7.687	42	38648	38.890	ug/l	96
30) Chloroform	7.804	83	36765	10.240	ug/l	99
31) Cyclohexane	8.081	56	30520	9.315	ug/l	89
32) 1,1,1-Trichloroethane	8.010	97	33212	10.028	ug/l	96
36) 1,1-Dichloropropene	8.210	75	23283	9.551	ug/l	96
37) Ethyl Acetate	7.404	43	27363m	9.565	ug/l	
38) Carbon Tetrachloride	8.198	117	30346	11.024	ug/l	90
39) Methylcyclohexane	9.451	83	27581	10.133	ug/l	95
40) Benzene	8.451	78	71095	9.773	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	12785	8.845	ug/l	89
42) 1,2-Dichloroethane	8.528	62	33269	11.216	ug/l	94
43) Isopropyl Acetate	8.563	43	41877	9.349	ug/l #	92
44) Trichloroethene	9.216	130	19532	10.546	ug/l	89
45) 1,2-Dichloropropane	9.481	63	17980	9.840	ug/l	98
46) Dibromomethane	9.569	93	13284	10.256	ug/l	97
47) Bromodichloromethane	9.751	83	27542	10.346	ug/l	97
48) Methyl methacrylate	9.557	41	18666	9.018	ug/l	94
49) 1,4-Dioxane	9.575	88	3057	92.668	ug/l #	82
51) 4-Methyl-2-Pentanone	10.333	43	135378	48.232	ug/l	94
52) Toluene	10.498	92	46291	10.198	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	27661	10.129	ug/l	97
54) cis-1,3-Dichloropropene	10.181	75	28831	10.010	ug/l	89
55) 1,1,2-Trichloroethane	10.898	97	19791	10.349	ug/l	94
56) Ethyl methacrylate	10.757	69	27836	10.150	ug/l	86
57) 1,3-Dichloropropane	11.039	76	33762	10.449	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.039	63	36651	64.398	ug/l	99
59) 2-Hexanone	11.086	43	95802	48.893	ug/l	90
60) Dibromochloromethane	11.233	129	22218	10.888	ug/l	97
61) 1,2-Dibromoethane	11.339	107	19870	10.409	ug/l	100
64) Tetrachloroethene	10.975	164	18878	10.716	ug/l	93
65) Chlorobenzene	11.769	112	51010	10.126	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	20104	9.959	ug/l	96
67) Ethyl Benzene	11.839	91	90113	10.394	ug/l	96
68) m/p-Xylenes	11.951	106	67347	20.414	ug/l	87
69) o-Xylene	12.280	106	34207	10.536	ug/l	93
70) Styrene	12.286	104	52658	10.539	ug/l	91
71) Bromoform	12.457	173	16811	11.339	ug/l #	99
73) Isopropylbenzene	12.575	105	88686	10.230	ug/l	100
74) N-amyl acetate	12.386	43	28484	9.452	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.822	83	27511	8.966	ug/l	97
76) 1,2,3-Trichloropropane	12.874	75	24541m	9.051	ug/l	
77) Bromobenzene	12.857	156	21246	10.241	ug/l	93
78) n-propylbenzene	12.916	91	94970	10.211	ug/l	96
79) 2-Chlorotoluene	13.004	91	64466	10.469	ug/l	95
80) 1,3,5-Trimethylbenzene	13.051	105	76519	10.671	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.616	75	7569	9.417	ug/l #	78
82) 4-Chlorotoluene	13.098	91	60077	10.347	ug/l	97
83) tert-Butylbenzene	13.322	119	67456	10.914	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	76863	11.159	ug/l	93
85) sec-Butylbenzene	13.498	105	84764	10.320	ug/l	99
86) p-Isopropyltoluene	13.610	119	71462	11.105	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	37937	10.651	ug/l	96
88) 1,4-Dichlorobenzene	13.692	146	35725	10.042	ug/l	94
89) n-Butylbenzene	13.939	91	49853	10.073	ug/l	97
90) Hexachloroethane	14.204	117	12455	9.694	ug/l	98
91) 1,2-Dichlorobenzene	13.986	146	35711	9.988	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.604	75	6001	10.875	ug/l	83
93) 1,2,4-Trichlorobenzene	15.263	180	14843	10.625	ug/l	97
94) Hexachlorobutadiene	15.363	225	10386	11.303	ug/l	98
95) Naphthalene	15.504	128	38901	9.673	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	14953	10.678	ug/l	97

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

