

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090622\
 Data File : VN074345.D
 Acq On : 06 Sep 2022 17:21
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Sep 07 02:42:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090622W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 02:37:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/07/2022
 Supervised By : Mahesh Dadoda 09/07/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	553960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	1036671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	906707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	380163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	79617	9.309	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	18.620%#		
35) Dibromofluoromethane	7.945	113	66854	9.693	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	19.380%#		
50) Toluene-d8	10.380	98	229921	8.574	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	17.140%#		
62) 4-Bromofluorobenzene	12.668	95	74544	8.651	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	17.300%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	76043	13.650	ug/l	97
3) Chloromethane	2.269	50	76724	10.323	ug/l	98
4) Vinyl Chloride	2.404	62	115936	8.625	ug/l	98
5) Bromomethane	2.810	94	50661	5.847	ug/l	93
6) Chloroethane	2.975	64	79493	7.621	ug/l	99
7) Trichlorofluoromethane	3.322	101	129028	12.452	ug/l	99
8) Diethyl Ether	3.769	74	48133	11.537	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.140	101	74857	12.039	ug/l	93
10) Methyl Iodide	4.351	142	32392	9.599	ug/l #	53
11) Tert butyl alcohol	5.281	59	83824	52.850	ug/l	99
12) 1,1-Dichloroethene	4.116	96	66484	11.755	ug/l	90
13) Acrolein	3.981	56	94025	79.349	ug/l	100
14) Allyl chloride	4.769	41	101246	11.316	ug/l	94
15) Acrylonitrile	5.481	53	233607	53.507	ug/l	99
16) Acetone	4.222	43	208307	56.760	ug/l	96
17) Carbon Disulfide	4.457	76	183043	12.903	ug/l	97
18) Methyl Acetate	4.775	43	113834	10.445	ug/l	100
19) Methyl tert-butyl Ether	5.534	73	235888	10.818	ug/l	94
20) Methylene Chloride	5.010	84	87996	11.482	ug/l	94
21) trans-1,2-Dichloroethene	5.516	96	78690	12.353	ug/l	85
22) Diisopropyl ether	6.410	45	222910	10.791	ug/l	97
23) Vinyl Acetate	6.351	43	907861	50.697	ug/l	99
24) 1,1-Dichloroethane	6.310	63	142632	11.362	ug/l	97
25) 2-Butanone	7.263	43	325516	53.376	ug/l	98
26) 2,2-Dichloropropane	7.245	77	103955	10.312	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	89419	11.066	ug/l	98
28) Bromochloromethane	7.581	49	35898	8.305	ug/l #	8
29) Tetrahydrofuran	7.610	42	212376	54.237	ug/l	97
30) Chloroform	7.751	83	149495	10.777	ug/l	98
31) Cyclohexane	8.028	56	129568	10.951	ug/l #	94
32) 1,1,1-Trichloroethane	7.945	97	129984	11.272	ug/l	96
36) 1,1-Dichloropropene	8.157	75	103191	10.420	ug/l	98
37) Ethyl Acetate	7.339	43	114663	8.952	ug/l	98
38) Carbon Tetrachloride	8.133	117	106031	10.494	ug/l	98
39) Methylcyclohexane	9.398	83	124096	10.385	ug/l	97
40) Benzene	8.392	78	333199	10.709	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	56016	9.507	ug/l #	91
42) 1,2-Dichloroethane	8.463	62	120277	10.401	ug/l	98
43) Isopropyl Acetate	8.492	43	171484	9.321	ug/l	98
44) Trichloroethene	9.151	130	78151	10.488	ug/l	87
45) 1,2-Dichloropropane	9.427	63	82354	10.690	ug/l	100
46) Dibromomethane	9.516	93	61436	10.445	ug/l #	85
47) Bromodichloromethane	9.698	83	114474	10.558	ug/l	94
48) Methyl methacrylate	9.498	41	76304	9.288	ug/l #	87
49) 1,4-Dioxane	9.510	88	45222	211.800	ug/l	91
51) 4-Methyl-2-Pentanone	10.274	43	622131	48.535	ug/l	99
52) Toluene	10.445	92	205092	10.677	ug/l	99
53) t-1,3-Dichloropropene	10.663	75	105794	9.683	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	118164	9.795	ug/l	96
55) 1,1,2-Trichloroethane	10.839	97	87295	10.654	ug/l	97
56) Ethyl methacrylate	10.704	69	114787	9.409	ug/l	98
57) 1,3-Dichloropropane	10.986	76	145810	10.347	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	278663	47.246	ug/l	98
59) 2-Hexanone	11.027	43	466079	48.022	ug/l	98
60) Dibromochloromethane	11.180	129	82218	10.017	ug/l	99
61) 1,2-Dibromoethane	11.286	107	82042	9.949	ug/l	97
64) Tetrachloroethene	10.916	164	62228	10.694	ug/l #	88
65) Chlorobenzene	11.710	112	210654	10.459	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	75668	10.218	ug/l	98
67) Ethyl Benzene	11.786	91	376125	10.222	ug/l	99
68) m/p-Xylenes	11.892	106	287154	20.780	ug/l	97
69) o-Xylene	12.221	106	140723	10.235	ug/l	98
70) Styrene	12.233	104	221641	10.094	ug/l	99
71) Bromoform	12.398	173	54567	10.107	ug/l #	100
73) Isopropylbenzene	12.521	105	351846	10.507	ug/l	100
74) N-amyl acetate	12.327	43	126212	9.033	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.768	83	133449	10.808	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	106155m	9.834	ug/l	
77) Bromobenzene	12.798	156	75819	10.203	ug/l	80
78) n-propylbenzene	12.857	91	394562	10.355	ug/l	96
79) 2-Chlorotoluene	12.945	91	249977	10.600	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	293243	10.895	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	30445	9.134	ug/l #	85
82) 4-Chlorotoluene	13.045	91	229652	10.397	ug/l	99
83) tert-Butylbenzene	13.262	119	251970	10.333	ug/l	94
84) 1,2,4-Trimethylbenzene	13.304	105	297499	10.940	ug/l	97
85) sec-Butylbenzene	13.439	105	346998	10.220	ug/l	99
86) p-Isopropyltoluene	13.551	119	277402	10.456	ug/l	96
87) 1,3-Dichlorobenzene	13.551	146	145689	10.755	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	141654	9.816	ug/l	95
89) n-Butylbenzene	13.880	91	208273	9.056	ug/l	96
90) Hexachloroethane	14.145	117	50946	9.848	ug/l	82
91) 1,2-Dichlorobenzene	13.927	146	146705	10.273	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.539	75	27665	10.254	ug/l	83
93) 1,2,4-Trichlorobenzene	15.198	180	67841	9.177	ug/l	98
94) Hexachlorobutadiene	15.298	225	33282	10.233	ug/l	99
95) Naphthalene	15.433	128	235021	8.019	ug/l	98
96) 1,2,3-Trichlorobenzene	15.627	180	70961	9.010	ug/l	96

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

