

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100322\
 Data File : VN074708.D
 Acq On : 03 Oct 2022 14:25
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Oct 04 05:29:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 05:26:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/04/2022
 Supervised By : Mahesh Dadoda 10/05/2022

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

Internal Standards						
1) Pentafluorobenzene	7.934	168	190954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	334845	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.622	117	358273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.545	152	192551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.292	65	52414	10.923	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	21.840%#		
35) Dibromofluoromethane	7.863	113	38133	10.593	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	21.180%#		
50) Toluene-d8	10.310	98	150946	10.202	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	20.400%#		
62) 4-Bromofluorobenzene	12.604	95	41433	9.588	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	19.180%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.999	85	42355	10.749	ug/l	99
3) Chloromethane	2.216	50	70894	10.409	ug/l	92
4) Vinyl Chloride	2.358	62	118607	10.379	ug/l #	83
5) Bromomethane	2.746	94	92271	10.369	ug/l	81
6) Chloroethane	2.905	64	89010	10.023	ug/l	90
7) Trichlorofluoromethane	3.246	101	64258	10.443	ug/l	98
8) Diethyl Ether	3.687	74	29074	10.739	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.052	101	36044	10.412	ug/l	92
10) Methyl Iodide	4.257	142	42062	10.005	ug/l	93
11) Tert butyl alcohol	5.169	59	52525	50.235	ug/l #	88
12) 1,1-Dichloroethene	4.022	96	34252	9.970	ug/l	83
13) Acrolein	3.899	56	24556	50.997	ug/l #	79
14) Allyl chloride	4.652	41	71327	10.110	ug/l #	91
15) Acrylonitrile	5.363	53	145250	48.722	ug/l	97
16) Acetone	4.128	43	127912	48.814	ug/l	99
17) Carbon Disulfide	4.357	76	102509	10.180	ug/l	95
18) Methyl Acetate	4.675	43	87701	10.082	ug/l	93
19) Methyl tert-butyl Ether	5.416	73	134038	9.806	ug/l	99
20) Methylene Chloride	4.904	84	43542	9.125	ug/l #	85
21) trans-1,2-Dichloroethene	5.410	96	35816	9.621	ug/l	89
22) Diisopropyl ether	6.310	45	151782	9.762	ug/l	93
23) Vinyl Acetate	6.240	43	560151	47.459	ug/l #	87
24) 1,1-Dichloroethane	6.198	63	78388	10.169	ug/l	97
25) 2-Butanone	7.163	43	221720	48.793	ug/l #	89
26) 2,2-Dichloropropane	7.145	77	52654	9.016	ug/l	99
27) cis-1,2-Dichloroethene	7.151	96	46262	9.946	ug/l	97
28) Bromochloromethane	7.493	49	41927	11.348	ug/l #	72
29) Tetrahydrofuran	7.510	42	141077	47.121	ug/l #	87
30) Chloroform	7.657	83	74260	9.852	ug/l	91
31) Cyclohexane	7.934	56	73845	9.959	ug/l	93
32) 1,1,1-Trichloroethane	7.857	97	60211	9.286	ug/l	90
36) 1,1-Dichloropropene	8.069	75	54592	9.312	ug/l	96
37) Ethyl Acetate	7.240	43	73952m	8.906	ug/l	
38) Carbon Tetrachloride	8.051	117	49865	9.618	ug/l	92
39) Methylcyclohexane	9.316	83	68576	9.656	ug/l	97
40) Benzene	8.304	78	173355	9.699	ug/l #	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.475	41	41924	10.755	ug/l #	79
42) 1,2-Dichloroethane	8.375	62	59095	9.660	ug/l	99
43) Isopropyl Acetate	8.416	43	121941	9.748	ug/l	92
44) Trichloroethene	9.069	130	36897	9.350	ug/l	84
45) 1,2-Dichloropropane	9.351	63	45624	9.623	ug/l #	82
46) Dibromomethane	9.439	93	32328	9.785	ug/l #	82
47) Bromodichloromethane	9.628	83	59929	9.966	ug/l #	97
48) Methyl methacrylate	9.428	41	54168	9.451	ug/l #	82
49) 1,4-Dioxane	9.428	88	21643	204.187	ug/l #	91
51) 4-Methyl-2-Pentanone	10.204	43	436732	48.458	ug/l	88
52) Toluene	10.375	92	102279	9.405	ug/l	95
53) t-1,3-Dichloropropene	10.592	75	52893	8.925	ug/l	95
54) cis-1,3-Dichloropropene	10.057	75	64076	9.666	ug/l	93
55) 1,1,2-Trichloroethane	10.775	97	41885	9.575	ug/l	87
56) Ethyl methacrylate	10.639	69	64319	9.340	ug/l #	79
57) 1,3-Dichloropropane	10.916	76	75672	9.628	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.910	63	134217	50.542	ug/l	92
59) 2-Hexanone	10.963	43	319603	47.328	ug/l	86
60) Dibromochloromethane	11.116	129	39486	9.868	ug/l	90
61) 1,2-Dibromoethane	11.216	107	42223	9.762	ug/l	97
64) Tetrachloroethene	10.845	164	27964	9.567	ug/l	91
65) Chlorobenzene	11.645	112	96977	8.915	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.716	131	35557	9.907	ug/l	98
67) Ethyl Benzene	11.722	91	192898	9.515	ug/l	98
68) m/p-Xylenes	11.828	106	149624	19.804	ug/l	94
69) o-Xylene	12.157	106	73207	9.654	ug/l	96
70) Styrene	12.169	104	110684	9.144	ug/l	95
71) Bromoform	12.328	173	23409	8.863	ug/l #	96
73) Isopropylbenzene	12.457	105	181593	10.207	ug/l	96
74) N-amyl acetate	12.269	43	85635	9.738	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.704	83	70118	10.334	ug/l	98
76) 1,2,3-Trichloropropane	12.757	75	56674m	10.642	ug/l	
77) Bromobenzene	12.727	156	37604	9.888	ug/l	83
78) n-propylbenzene	12.792	91	202842	9.959	ug/l	94
79) 2-Chlorotoluene	12.880	91	119013	9.916	ug/l	93
80) 1,3,5-Trimethylbenzene	12.933	105	141069	9.934	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.504	75	14211	8.527	ug/l #	65
82) 4-Chlorotoluene	12.975	91	114888	9.897	ug/l	97
83) tert-Butylbenzene	13.198	119	127293	10.019	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	142390	10.411	ug/l	99
85) sec-Butylbenzene	13.374	105	175581	9.692	ug/l	94
86) p-Isopropyltoluene	13.492	119	137396	9.894	ug/l	97
87) 1,3-Dichlorobenzene	13.492	146	67694	9.367	ug/l	99
88) 1,4-Dichlorobenzene	13.569	146	66194	9.348	ug/l	93
89) n-Butylbenzene	13.816	91	110843	8.838	ug/l	91
90) Hexachloroethane	14.086	117	23170	9.838	ug/l	85
91) 1,2-Dichlorobenzene	13.863	146	69301	9.858	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.474	75	11356	9.091	ug/l	88
93) 1,2,4-Trichlorobenzene	15.127	180	31708	10.229	ug/l	98
94) Hexachlorobutadiene	15.233	225	14641	9.341	ug/l	89
95) Naphthalene	15.363	128	116059	9.853	ug/l	96
96) 1,2,3-Trichlorobenzene	15.551	180	32359	9.892	ug/l	98

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

