

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092922\
 Data File : VN074653.D
 Acq On : 29 Sep 2022 14:32
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Sep 30 07:08:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 30 07:05:22 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/30/2022
 Supervised By : Mahesh Dadoda 10/05/2022

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

Internal Standards						
1) Pentafluorobenzene	7.934	168	379137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	672903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.616	117	704267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	372117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.287	65	92725	9.758	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	19.520%#		
35) Dibromofluoromethane	7.863	113	70066	9.837	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	19.680%#		
50) Toluene-d8	10.310	98	297222	9.921	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	19.840%#		
62) 4-Bromofluorobenzene	12.604	95	90691	9.547	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	19.100%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.999	85	86092	10.847	ug/l	92
3) Chloromethane	2.216	50	123801	10.662	ug/l	92
4) Vinyl Chloride	2.357	62	162597	9.643	ug/l	89
5) Bromomethane	2.746	94	114694	9.847	ug/l	94
6) Chloroethane	2.905	64	128692	9.932	ug/l	95
7) Trichlorofluoromethane	3.246	101	111050	9.472	ug/l	98
8) Diethyl Ether	3.675	74	51211	9.207	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.057	101	71481	10.232	ug/l	93
10) Methyl Iodide	4.246	142	79558	9.584	ug/l	92
11) Tert butyl alcohol	5.169	59	121396	47.838	ug/l	98
12) 1,1-Dichloroethene	4.016	96	68127	9.621	ug/l	100
13) Acrolein	3.887	56	47118	42.969	ug/l	98
14) Allyl chloride	4.651	41	144332	9.436	ug/l	98
15) Acrylonitrile	5.363	53	286838	47.903	ug/l	100
16) Acetone	4.128	43	229743	44.797	ug/l	94
17) Carbon Disulfide	4.357	76	200121	9.684	ug/l	97
18) Methyl Acetate	4.669	43	165943	9.452	ug/l	90
19) Methyl tert-butyl Ether	5.416	73	254997	9.435	ug/l	97
20) Methylene Chloride	4.899	84	87285	8.966	ug/l #	83
21) trans-1,2-Dichloroethene	5.398	96	75147	9.714	ug/l #	79
22) Diisopropyl ether	6.298	45	295955	9.511	ug/l #	87
23) Vinyl Acetate	6.240	43	1301310	47.583	ug/l #	92
24) 1,1-Dichloroethane	6.198	63	154405	9.725	ug/l	98
25) 2-Butanone	7.163	43	414640	47.408	ug/l #	87
26) 2,2-Dichloropropane	7.140	77	129931	9.622	ug/l	100
27) cis-1,2-Dichloroethene	7.145	96	88357	9.338	ug/l	89
28) Bromochloromethane	7.487	49	61217	8.491	ug/l #	69
29) Tetrahydrofuran	7.516	42	272615	47.240	ug/l #	86
30) Chloroform	7.657	83	145754	9.961	ug/l	94
31) Cyclohexane	7.928	56	154489	10.007	ug/l	88
32) 1,1,1-Trichloroethane	7.851	97	117968	9.187	ug/l	94
36) 1,1-Dichloropropene	8.063	75	109148	9.569	ug/l	96
37) Ethyl Acetate	7.240	43	168052	9.936	ug/l #	93
38) Carbon Tetrachloride	8.045	117	100132	9.582	ug/l	90
39) Methylcyclohexane	9.316	83	144262	10.131	ug/l	99
40) Benzene	8.304	78	347206	9.876	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.475	41	66529	9.004	ug/l	96
42) 1,2-Dichloroethane	8.375	62	112612	9.535	ug/l	99
43) Isopropyl Acetate	8.416	43	262871	9.741	ug/l #	92
44) Trichloroethene	9.069	130	72414	9.887	ug/l	99
45) 1,2-Dichloropropane	9.351	63	91985	9.611	ug/l	98
46) Dibromomethane	9.445	93	58319	9.667	ug/l #	84
47) Bromodichloromethane	9.628	83	112093	9.507	ug/l #	98
48) Methyl methacrylate	9.428	41	112380	10.105	ug/l	90
49) 1,4-Dioxane	9.434	88	42645	201.036	ug/l #	92
51) 4-Methyl-2-Pentanone	10.204	43	814356	47.689	ug/l	91
52) Toluene	10.375	92	205427	9.677	ug/l	100
53) t-1,3-Dichloropropene	10.598	75	128581	9.621	ug/l	97
54) cis-1,3-Dichloropropene	10.057	75	145951	9.912	ug/l #	88
55) 1,1,2-Trichloroethane	10.775	97	83440	9.753	ug/l	93
56) Ethyl methacrylate	10.633	69	136612	9.257	ug/l #	82
57) 1,3-Dichloropropane	10.916	76	152662	10.083	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.910	63	282790	46.936	ug/l	89
59) 2-Hexanone	10.963	43	596189	46.197	ug/l	91
60) Dibromochloromethane	11.110	129	77047	9.361	ug/l	94
61) 1,2-Dibromoethane	11.222	107	80011	9.544	ug/l	100
64) Tetrachloroethene	10.845	164	56075	9.418	ug/l	93
65) Chlorobenzene	11.639	112	201282	9.552	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.716	131	73774	9.813	ug/l	100
67) Ethyl Benzene	11.716	91	380312	9.646	ug/l	96
68) m/p-Xylenes	11.827	106	284648	19.066	ug/l	98
69) o-Xylene	12.157	106	139926	9.324	ug/l	94
70) Styrene	12.169	104	222120	9.280	ug/l	97
71) Bromoform	12.327	173	52866	8.770	ug/l #	98
73) Isopropylbenzene	12.457	105	362221	10.391	ug/l	96
74) N-amyl acetate	12.269	43	209841	9.826	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.704	83	130057	9.806	ug/l	97
76) 1,2,3-Trichloropropane	12.757	75	111112m	11.493	ug/l	
77) Bromobenzene	12.727	156	74321	9.952	ug/l	81
78) n-propylbenzene	12.792	91	404192	10.052	ug/l	97
79) 2-Chlorotoluene	12.880	91	244397	10.115	ug/l	98
80) 1,3,5-Trimethylbenzene	12.933	105	290320	10.437	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.504	75	44805	10.062	ug/l	97
82) 4-Chlorotoluene	12.980	91	220163	9.791	ug/l	100
83) tert-Butylbenzene	13.198	119	246453	9.920	ug/l	94
84) 1,2,4-Trimethylbenzene	13.245	105	282692	10.177	ug/l	98
85) sec-Butylbenzene	13.374	105	347014	9.940	ug/l	97
86) p-Isopropyltoluene	13.492	119	278007	10.052	ug/l	98
87) 1,3-Dichlorobenzene	13.486	146	132372	9.769	ug/l	96
88) 1,4-Dichlorobenzene	13.569	146	128706	9.294	ug/l	93
89) n-Butylbenzene	13.816	91	237284	9.724	ug/l	96
90) Hexachloroethane	14.080	117	58352	9.805	ug/l	79
91) 1,2-Dichlorobenzene	13.863	146	138447	9.791	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.474	75	25764	9.641	ug/l	86
93) 1,2,4-Trichlorobenzene	15.133	180	64121	10.150	ug/l	94
94) Hexachlorobutadiene	15.233	225	29022	9.386	ug/l	91
95) Naphthalene	15.363	128	254686	10.304	ug/l	97
96) 1,2,3-Trichlorobenzene	15.557	180	63947	10.168	ug/l	100

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

