

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077434.D
 Acq On : 24 Apr 2023 12:27
 Operator : JC\MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Quant Time: Apr 25 02:03:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 01:54:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/25/2023
 Supervised By : Mahesh Dadoda 04/25/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	565088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1068418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	925420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	353229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	76078	10.323	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	20.640%#		
35) Dibromofluoromethane	8.172	113	66063	10.316	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	20.640%#		
50) Toluene-d8	10.571	98	246564	10.068	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	20.140%#		
62) 4-Bromofluorobenzene	12.848	95	78283	9.752	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	19.500%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	81147	11.489	ug/l	98
3) Chloromethane	2.372	50	61642	10.882	ug/l	95
4) Vinyl Chloride	2.525	62	87030	11.533	ug/l	100
5) Bromomethane	2.972	94	74913	10.486	ug/l	99
6) Chloroethane	3.131	64	61587	10.743	ug/l	94
7) Trichlorofluoromethane	3.507	101	125414	11.308	ug/l	99
8) Diethyl Ether	3.972	74	43988	10.914	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.384	101	71318	11.057	ug/l	95
10) Methyl Iodide	4.607	142	82223	10.459	ug/l	99
11) Tert butyl alcohol	5.531	59	63583	58.415	ug/l	100
12) 1,1-Dichloroethene	4.354	96	69043	10.890	ug/l	97
13) Acrolein	4.195	56	63065	54.060	ug/l	100
14) Allyl chloride	5.031	41	74145	10.575	ug/l	88
15) Acrylonitrile	5.725	53	144368	53.760	ug/l	98
16) Acetone	4.442	43	122874	52.378	ug/l	96
17) Carbon Disulfide	4.719	76	173434	10.823	ug/l	100
18) Methyl Acetate	5.042	43	98095	10.828	ug/l	99
19) Methyl tert-butyl Ether	5.807	73	228204	10.881	ug/l	99
20) Methylene Chloride	5.289	84	76698	10.310	ug/l	92
21) trans-1,2-Dichloroethene	5.795	96	72572	10.642	ug/l	94
22) Diisopropyl ether	6.678	45	175388	10.900	ug/l	96
23) Vinyl Acetate	6.613	43	552651	54.994	ug/l	99
24) 1,1-Dichloroethane	6.578	63	125379	11.008	ug/l	97
25) 2-Butanone	7.495	43	182845	54.954	ug/l	97
26) 2,2-Dichloropropane	7.501	77	119116	10.785	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	86308	10.687	ug/l	97
28) Bromochloromethane	7.825	49	38797	8.920	ug/l	96
29) Tetrahydrofuran	7.842	42	118109	56.655	ug/l	98
30) Chloroform	7.972	83	144146	11.229	ug/l	90
31) Cyclohexane	8.266	56	114935	9.339	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	128261	10.868	ug/l	99
36) 1,1-Dichloropropene	8.377	75	99167	10.689	ug/l	100
37) Ethyl Acetate	7.566	43	73034	10.360	ug/l	98
38) Carbon Tetrachloride	8.360	117	109700	10.717	ug/l	92
39) Methylcyclohexane	9.601	83	128928	10.548	ug/l	95
40) Benzene	8.613	78	305157	10.797	ug/l	99

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41) Methacrylonitrile	7.789	41	39182	10.671	ug/l	98
42) 1,2-Dichloroethane	8.677	62	104101	10.724	ug/l	99
43) Isopropyl Acetate	8.695	43	134893	11.060	ug/l	100
44) Trichloroethene	9.354	130	77503	10.710	ug/l	100
45) 1,2-Dichloropropane	9.624	63	75387	11.387	ug/l	95
46) Dibromomethane	9.713	93	58163	10.827	ug/l	98
47) Bromodichloromethane	9.895	83	113454	10.919	ug/l	97
48) Methyl methacrylate	9.683	41	56685	10.211	ug/l	96
49) 1,4-Dioxane	9.695	88	29098	208.959	ug/l	92
51) 4-Methyl-2-Pentanone	10.448	43	390450	54.581	ug/l	99
52) Toluene	10.630	92	198163	10.703	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	109083	10.367	ug/l	96
54) cis-1,3-Dichloropropene	10.313	75	124248	10.849	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	79349	10.658	ug/l	94
56) Ethyl methacrylate	10.877	69	114918	11.015	ug/l	96
57) 1,3-Dichloropropane	11.166	76	127844	10.780	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	190827	54.079	ug/l	99
59) 2-Hexanone	11.195	43	281738	54.182	ug/l	98
60) Dibromochloromethane	11.366	129	80987	10.481	ug/l	98
61) 1,2-Dibromoethane	11.471	107	79505	10.459	ug/l	98
64) Tetrachloroethene	11.101	164	59301	10.705	ug/l	97
65) Chlorobenzene	11.895	112	208544	10.649	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.960	131	78113	10.964	ug/l	98
67) Ethyl Benzene	11.965	91	377559	10.952	ug/l	99
68) m/p-Xylenes	12.071	106	292212	21.810	ug/l	99
69) o-Xylene	12.401	106	140993	10.699	ug/l	97
70) Styrene	12.413	104	226265	10.979	ug/l	99
71) Bromoform	12.583	173	48889	10.488	ug/l #	97
73) Isopropylbenzene	12.695	105	354013	10.800	ug/l	98
74) N-amyl acetate	12.495	43	100052	10.310	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.936	83	110802	10.758	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	81578m	9.720	ug/l	
77) Bromobenzene	12.983	156	78186	10.945	ug/l	98
78) n-propylbenzene	13.036	91	382602	10.557	ug/l	99
79) 2-Chlorotoluene	13.130	91	242117	10.835	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	257948	10.597	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	29744m	10.519	ug/l	
82) 4-Chlorotoluene	13.224	91	227886	10.914	ug/l	100
83) tert-Butylbenzene	13.442	119	258091	10.918	ug/l	97
84) 1,2,4-Trimethylbenzene	13.489	105	229864	10.111	ug/l	99
85) sec-Butylbenzene	13.618	105	354121	10.914	ug/l	99
86) p-Isopropyltoluene	13.736	119	263194	10.543	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	133132	10.479	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	127464	10.169	ug/l	97
89) n-Butylbenzene	14.059	91	184348	9.542	ug/l	99
90) Hexachloroethane	14.336	117	58686	10.640	ug/l	95
91) 1,2-Dichlorobenzene	14.107	146	129186	10.252	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.724	75	19316	10.142	ug/l	98
93) 1,2,4-Trichlorobenzene	15.371	180	24821	9.563	ug/l	90
94) Hexachlorobutadiene	15.465	225	26074	10.240	ug/l	96
95) Naphthalene	15.589	128	90043	9.684	ug/l	99
96) 1,2,3-Trichlorobenzene	15.759	180	23845	9.629	ug/l	97

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

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