

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022823\
 Data File : VN076839.D
 Acq On : 28 Feb 2023 20:08
 Operator : JC\MD
 Sample : VSTDECC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDECC050EC

Quant Time: Mar 01 01:33:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	257553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	484687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	467425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	247826	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	189870	53.388	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.780%	
35) Dibromofluoromethane	8.166	113	154608	48.709	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.420%	
50) Toluene-d8	10.572	98	606973	51.204	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.400%	
62) 4-Bromofluorobenzene	12.854	95	223178	56.845	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.700%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.137	85	154384	56.452	ug/l	93
3) Chloromethane	2.378	50	199046	55.786	ug/l	100
4) Vinyl Chloride	2.525	62	197216	56.162	ug/l	93
5) Bromomethane	2.949	94	127049	59.711	ug/l	91
6) Chloroethane	3.125	64	136758	61.624	ug/l	96
7) Trichlorofluoromethane	3.507	101	253417	53.039	ug/l	97
8) Diethyl Ether	3.972	74	105551	57.331	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.378	101	153197	54.569	ug/l	99
10) Methyl Iodide	4.601	142	221181	63.797	ug/l	96
11) Tert butyl alcohol	5.537	59	143424	305.523	ug/l	99
12) 1,1-Dichloroethene	4.354	96	149458	56.221	ug/l	93
13) Acrolein	4.184	56	200601	284.634	ug/l	98
14) Allyl chloride	5.037	41	267086	57.984	ug/l	96
15) Acrylonitrile	5.731	53	495941	297.684	ug/l	99
16) Acetone	4.437	43	398482	250.836	ug/l	95
17) Carbon Disulfide	4.725	76	420596	59.923	ug/l	99
18) Methyl Acetate	5.037	43	317870	61.300	ug/l	99
19) Methyl tert-butyl Ether	5.801	73	554363	61.852	ug/l	98
20) Methylene Chloride	5.290	84	179722	53.980	ug/l	93
21) trans-1,2-Dichloroethene	5.801	96	166056	55.491	ug/l	94
22) Diisopropyl ether	6.678	45	674845	62.464	ug/l	97
23) Vinyl Acetate	6.613	43	2252842m	352.433	ug/l	
24) 1,1-Dichloroethane	6.572	63	342973	57.924	ug/l	92
25) 2-Butanone	7.484	43	703713	300.305	ug/l	98
26) 2,2-Dichloropropane	7.495	77	251063	58.785	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	201438	56.754	ug/l	95
28) Bromochloromethane	7.819	49	143038	50.757	ug/l	91
29) Tetrahydrofuran	7.842	42	478254	312.377	ug/l	99
30) Chloroform	7.972	83	347862	58.801	ug/l	95
31) Cyclohexane	8.266	56	326596	58.543	ug/l	100
32) 1,1,1-Trichloroethane	8.178	97	296145	59.537	ug/l	96
36) 1,1-Dichloropropene	8.378	75	258774	56.426	ug/l	98
37) Ethyl Acetate	7.566	43	306366	63.493	ug/l	96
38) Carbon Tetrachloride	8.366	117	259100	56.005	ug/l	92
39) Methylcyclohexane	9.607	83	327053	62.739	ug/l	96
40) Benzene	8.613	78	813470	57.760	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	141289m	50.545	ug/l	
42) 1,2-Dichloroethane	8.672	62	274796	55.945	ug/l	99
43) Isopropyl Acetate	8.695	43	529420	67.428	ug/l	95
44) Trichloroethene	9.360	130	186185	55.943	ug/l	99
45) 1,2-Dichloropropane	9.625	63	212191	56.916	ug/l	99
46) Dibromomethane	9.713	93	137739	57.790	ug/l	96
47) Bromodichloromethane	9.889	83	277012	57.970	ug/l	97
48) Methyl methacrylate	9.683	41	228137	61.232	ug/l	99
49) 1,4-Dioxane	9.701	88	77227	1198.254	ug/l #	94
51) 4-Methyl-2-Pentanone	10.448	43	1563468	312.968	ug/l	99
52) Toluene	10.630	92	531810	62.545	ug/l	100
53) t-1,3-Dichloropropene	10.842	75	297666	64.538	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	321432	60.418	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	201334	58.231	ug/l	98
56) Ethyl methacrylate	10.877	69	314266	64.574	ug/l	98
57) 1,3-Dichloropropane	11.166	76	354456	59.671	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	654991	293.870	ug/l	98
59) 2-Hexanone	11.201	43	1142522	317.191	ug/l	99
60) Dibromochloromethane	11.360	129	210888	57.873	ug/l	97
61) 1,2-Dibromoethane	11.471	107	206350	59.625	ug/l	95
64) Tetrachloroethene	11.107	164	158299	53.739	ug/l	95
65) Chlorobenzene	11.895	112	543571	54.873	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.960	131	194873	54.160	ug/l	97
67) Ethyl Benzene	11.966	91	1011206	59.918	ug/l	99
68) m/p-Xylenes	12.071	106	801015	123.135	ug/l	98
69) o-Xylene	12.401	106	387346	61.054	ug/l	99
70) Styrene	12.413	104	649134	63.273	ug/l	99
71) Bromoform	12.583	173	154639	58.591	ug/l #	98
73) Isopropylbenzene	12.701	105	1009369	55.568	ug/l	100
74) N-amyl acetate	12.495	43	454495	55.510	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	320158	48.692	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	274276m	54.742	ug/l	
77) Bromobenzene	12.983	156	228304	50.376	ug/l	94
78) n-propylbenzene	13.036	91	1221556	57.269	ug/l	100
79) 2-Chlorotoluene	13.130	91	697354	53.395	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	866876	57.745	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	92635	53.850	ug/l	91
82) 4-Chlorotoluene	13.130	91	697354	53.395	ug/l	100
83) tert-Butylbenzene	13.442	119	766727	56.458	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	876535	58.587	ug/l	99
85) sec-Butylbenzene	13.618	105	1125876	59.380	ug/l	98
86) p-Isopropyltoluene	13.730	119	919188	60.711	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	459945	53.688	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	457727	53.653	ug/l	99
89) n-Butylbenzene	14.060	91	786919	59.758	ug/l	100
90) Hexachloroethane	14.336	117	165403	52.175	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	460515	52.434	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	58162	45.658	ug/l	97
93) 1,2,4-Trichlorobenzene	15.395	180	232473	53.064	ug/l	100
94) Hexachlorobutadiene	15.507	225	108447	50.506	ug/l	97
95) Naphthalene	15.648	128	757451	56.975	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	232356	54.744	ug/l	99

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

