

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077027.D
 Acq On : 17 Mar 2023 10:37
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Mar 18 01:30:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 01:17:29 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/20/2023
 Supervised By : Mahesh Dadoda 03/20/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	373739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	662599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	585983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	248600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	62236	10.425	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	20.860%#		
35) Dibromofluoromethane	8.178	113	48049	10.688	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	21.380%#		
50) Toluene-d8	10.571	98	166353	10.036	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	20.080%#		
62) 4-Bromofluorobenzene	12.854	95	56729	9.685	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	19.380%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.143	85	35855	9.188	ug/l	93
3) Chloromethane	2.372	50	34771	9.234	ug/l	94
4) Vinyl Chloride	2.531	62	36766	9.045	ug/l	99
5) Bromomethane	2.978	94	25590	9.321	ug/l	96
6) Chloroethane	3.143	64	24973	9.710	ug/l	99
7) Trichlorofluoromethane	3.513	101	85175	9.741	ug/l	97
8) Diethyl Ether	3.978	74	30778	9.353	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.384	101	48378	9.753	ug/l	98
10) Methyl Iodide	4.607	142	54096	9.683	ug/l	99
11) Tert butyl alcohol	5.531	59	44625	51.299	ug/l	99
12) 1,1-Dichloroethene	4.360	96	42669	9.404	ug/l	97
13) Acrolein	4.190	56	52414	48.714	ug/l	100
14) Allyl chloride	5.042	41	75502	8.910	ug/l	95
15) Acrylonitrile	5.731	53	147788	50.535	ug/l	99
16) Acetone	4.442	43	135936	51.103	ug/l	99
17) Carbon Disulfide	4.725	76	122224	9.238	ug/l	98
18) Methyl Acetate	5.042	43	100859	10.055	ug/l	99
19) Methyl tert-butyl Ether	5.813	73	159565	9.798	ug/l	99
20) Methylene Chloride	5.289	84	54517	9.443	ug/l	94
21) trans-1,2-Dichloroethene	5.795	96	46411	9.437	ug/l	94
22) Diisopropyl ether	6.684	45	178090	9.785	ug/l	97
23) Vinyl Acetate	6.613	43	559077	49.937	ug/l	99
24) 1,1-Dichloroethane	6.578	63	99794	9.582	ug/l	97
25) 2-Butanone	7.489	43	195369	50.208	ug/l	99
26) 2,2-Dichloropropane	7.495	77	76484	9.760	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	56219	9.981	ug/l	98
28) Bromochloromethane	7.825	49	44854	9.917	ug/l	99
29) Tetrahydrofuran	7.848	42	127717	50.650	ug/l	100
30) Chloroform	7.972	83	99064	9.800	ug/l	99
31) Cyclohexane	8.260	56	97141	9.945	ug/l #	97
32) 1,1,1-Trichloroethane	8.178	97	83079	9.616	ug/l	99
36) 1,1-Dichloropropene	8.377	75	70786	9.767	ug/l	98
37) Ethyl Acetate	7.572	43	79898	10.303	ug/l	98
38) Carbon Tetrachloride	8.366	117	71013	10.059	ug/l	96
39) Methylcyclohexane	9.601	83	81309	9.585	ug/l	96
40) Benzene	8.613	78	218978	9.962	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	42425	10.523	ug/l	96
42) 1,2-Dichloroethane	8.677	62	79469	10.005	ug/l	99
43) Isopropyl Acetate	8.695	43	121647	10.042	ug/l	98
44) Trichloroethene	9.354	130	47733	9.454	ug/l	99
45) 1,2-Dichloropropane	9.624	63	57664	9.878	ug/l	96
46) Dibromomethane	9.713	93	36816	9.999	ug/l	99
47) Bromodichloromethane	9.895	83	76278	9.878	ug/l	97
48) Methyl methacrylate	9.683	41	57529	9.934	ug/l	99
49) 1,4-Dioxane	9.701	88	19434	196.476	ug/l	99
51) 4-Methyl-2-Pentanone	10.448	43	387033	51.306	ug/l	99
52) Toluene	10.630	92	130262	9.925	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	71858	9.495	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	83992	9.836	ug/l	96
55) 1,1,2-Trichloroethane	11.019	97	52342	10.114	ug/l	95
56) Ethyl methacrylate	10.877	69	76212	9.793	ug/l	98
57) 1,3-Dichloropropane	11.166	76	94197	9.942	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	163203	49.191	ug/l	99
59) 2-Hexanone	11.195	43	281544	51.457	ug/l	97
60) Dibromochloromethane	11.360	129	50585	9.731	ug/l	98
61) 1,2-Dibromoethane	11.471	107	49890	9.721	ug/l	100
64) Tetrachloroethene	11.107	164	37615	9.565	ug/l	96
65) Chlorobenzene	11.895	112	126979	9.418	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.960	131	47667	9.555	ug/l	99
67) Ethyl Benzene	11.966	91	240836	9.834	ug/l	100
68) m/p-Xylenes	12.071	106	178762	19.682	ug/l	99
69) o-Xylene	12.401	106	88801	9.840	ug/l	99
70) Styrene	12.413	104	138774	9.877	ug/l	100
71) Bromoform	12.577	173	33523	9.916	ug/l #	98
73) Isopropylbenzene	12.701	105	221571	9.945	ug/l	100
74) N-amyl acetate	12.495	43	94679	9.818	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.936	83	82232	10.188	ug/l	97
76) 1,2,3-Trichloropropane	12.995	75	61059m	9.494	ug/l	
77) Bromobenzene	12.983	156	49335	9.885	ug/l	97
78) n-propylbenzene	13.036	91	256403	9.970	ug/l	98
79) 2-Chlorotoluene	13.130	91	166720	10.173	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	191803	10.312	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	24996	10.700	ug/l	94
82) 4-Chlorotoluene	13.224	91	155873	10.002	ug/l	98
83) tert-Butylbenzene	13.442	119	157887	10.110	ug/l	98
84) 1,2,4-Trimethylbenzene	13.483	105	186438	10.044	ug/l	98
85) sec-Butylbenzene	13.618	105	223708	10.070	ug/l	99
86) p-Isopropyltoluene	13.730	119	174957	9.807	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	93453	9.908	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	90932	9.690	ug/l	97
89) n-Butylbenzene	14.059	91	145869	9.320	ug/l	99
90) Hexachloroethane	14.342	117	34752	9.581	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	92978	9.889	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	14659	9.801	ug/l	98
93) 1,2,4-Trichlorobenzene	15.395	180	39443	9.280	ug/l	98
94) Hexachlorobutadiene	15.506	225	22133	9.456	ug/l	96
95) Naphthalene	15.648	128	126639	9.286	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	39506	9.263	ug/l	98

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

