

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053123\
 Data File : VN077993.D
 Acq On : 31 May 2023 15:20
 Operator : JC\MD
 Sample : 02973-08MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-140B-20230526MS

Quant Time: Jun 01 01:52:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/01/2023
 Supervised By : Mahesh Dadoda 06/01/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	345424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	610830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	544180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	229662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	259477	50.204	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.400%			
35) Dibromofluoromethane	8.177	113	226437	56.849	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.700%			
50) Toluene-d8	10.576	98	809891	52.825	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.660%			
62) 4-Bromofluorobenzene	12.853	95	276587	51.080	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	164457	41.834	ug/l	95
3) Chloromethane	2.371	50	198699	47.586	ug/l	96
4) Vinyl Chloride	2.518	62	259307	52.318	ug/l	98
5) Bromomethane	2.953	94	197049	53.756	ug/l	99
6) Chloroethane	3.124	64	187028	52.361	ug/l	100
7) Trichlorofluoromethane	3.506	101	365059	52.851	ug/l	100
8) Diethyl Ether	3.971	74	132772	52.653	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.383	101	199096	52.085	ug/l	99
10) Methyl Iodide	4.606	142	278293	61.046	ug/l	96
11) Tert butyl alcohol	5.530	59	168939	236.844	ug/l	100
12) 1,1-Dichloroethene	4.353	96	198876	54.740	ug/l	92
13) Acrolein	4.189	56	101378	225.660	ug/l	95
14) Allyl chloride	5.030	41	256569	48.072	ug/l	96
15) Acrylonitrile	5.730	53	483350	253.641	ug/l	98
16) Acetone	4.436	43	379090	233.135	ug/l	99
17) Carbon Disulfide	4.724	76	472880	48.307	ug/l	97
18) Methyl Acetate	5.036	43	318338	46.666	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	707412	53.794	ug/l	99
20) Methylene Chloride	5.283	84	240014	56.986	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	219668	53.826	ug/l	87
22) Diisopropyl ether	6.683	45	674813	53.942	ug/l	95
23) Vinyl Acetate	6.612	43	1783547	230.107	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	434136	56.645	ug/l	99
25) 2-Butanone	7.494	43	599733	235.777	ug/l	88
26) 2,2-Dichloropropane	7.500	77	302273	46.423	ug/l	96
27) cis-1,2-Dichloroethene	7.500	96	277951	56.802	ug/l	95
28) Bromochloromethane	7.818	49	168992	50.984	ug/l	90
29) Tetrahydrofuran	7.847	42	405723	243.596	ug/l #	83
30) Chloroform	7.977	83	466625	55.347	ug/l	95
31) Cyclohexane	8.265	56	336194	47.860	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	405514	56.574	ug/l	97
36) 1,1-Dichloropropene	8.383	75	333064	57.169	ug/l	97
37) Ethyl Acetate	7.571	43	240782	46.369	ug/l #	95
38) Carbon Tetrachloride	8.371	117	358589	60.953	ug/l	97
39) Methylcyclohexane	9.612	83	347177	48.675	ug/l	96
40) Benzene	8.618	78	1003662	58.379	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	133327	48.212	ug/l	93
42) 1,2-Dichloroethane	8.677	62	352154	56.388	ug/l	97
43) Isopropyl Acetate	8.700	43	426987	50.341	ug/l	97
44) Trichloroethene	9.359	130	256893	59.012	ug/l	100
45) 1,2-Dichloropropane	9.629	63	257026	58.611	ug/l	94
46) Dibromomethane	9.712	93	180791	57.614	ug/l	96
47) Bromodichloromethane	9.894	83	364230	60.628	ug/l	100
48) Methyl methacrylate	9.688	41	211638	52.628	ug/l	91
49) 1,4-Dioxane	9.700	88	86150	1134.249	ug/l	92
51) 4-Methyl-2-Pentanone	10.453	43	1341731	266.127	ug/l	93
52) Toluene	10.635	92	637639	59.575	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	363709	57.170	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	391306	55.815	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	251307	59.134	ug/l	98
56) Ethyl methacrylate	10.882	69	370482	57.657	ug/l	91
57) 1,3-Dichloropropane	11.171	76	417793	57.346	ug/l	100
59) 2-Hexanone	11.200	43	928534	248.994	ug/l	94
60) Dibromochloromethane	11.365	129	271983	61.994	ug/l	99
61) 1,2-Dibromoethane	11.476	107	252930	59.658	ug/l	98
64) Tetrachloroethene	11.112	164	241222	63.386	ug/l	97
65) Chlorobenzene	11.900	112	682661	57.866	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.970	131	262707	64.358	ug/l	98
67) Ethyl Benzene	11.970	91	1233060	58.325	ug/l	97
68) m/p-Xylenes	12.076	106	935201	116.746	ug/l	98
69) o-Xylene	12.406	106	466874	59.263	ug/l	98
70) Styrene	12.418	104	729506	58.292	ug/l	97
71) Bromoform	12.588	173	172633	63.574	ug/l #	99
73) Isopropylbenzene	12.706	105	1188130	60.016	ug/l	99
74) N-amyl acetate	12.500	43	331366	45.284	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.947	83	335074	55.018	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	325854m	56.655	ug/l	
77) Bromobenzene	12.988	156	261502	57.883	ug/l	98
78) n-propylbenzene	13.041	91	1349315	57.813	ug/l	100
79) 2-Chlorotoluene	13.129	91	815541	58.558	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	987312	59.339	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.747	75	92548	51.435	ug/l #	83
82) 4-Chlorotoluene	13.229	91	779389	56.246	ug/l	98
83) tert-Butylbenzene	13.447	119	835672	57.532	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	986551	60.289	ug/l	100
85) sec-Butylbenzene	13.623	105	1135695	55.016	ug/l	100
86) p-Isopropyltoluene	13.735	119	953955	57.965	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	454542	54.404	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	432985	52.224	ug/l	99
89) n-Butylbenzene	14.064	91	744584	49.189	ug/l	98
90) Hexachloroethane	14.341	117	164851	60.975	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	457464	58.610	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.729	75	54848	46.517	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	175150	38.400	ug/l	98
94) Hexachlorobutadiene	15.511	225	79714	42.092	ug/l	98
95) Naphthalene	15.647	128	524529	33.410	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	180748	40.473	ug/l	96

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

