

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020823\
 Data File : VN076571.D
 Acq On : 08 Feb 2023 11:46
 Operator : JC\MD
 Sample : VN0208WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0208WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/09/2023
 Supervised By : Semsettin Yesilyurt 02/09/2023

Quant Time: Feb 09 00:43:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 09:04:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	540271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	944739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	885019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	407362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	289259	45.361	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.720%		
35) Dibromofluoromethane	8.177	113	248627	42.335	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	84.680%		
50) Toluene-d8	10.570	98	1147051	51.918	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.840%		
62) 4-Bromofluorobenzene	12.853	95	415529	53.386	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	124322	22.150	ug/l	99
3) Chloromethane	2.371	50	92580	17.948	ug/l	99
4) Vinyl Chloride	2.530	62	78023	16.473	ug/l	91
5) Bromomethane	2.959	94	53601	15.253	ug/l	93
6) Chloroethane	3.130	64	43243	15.094	ug/l	100
7) Trichlorofluoromethane	3.512	101	167267	17.917	ug/l	99
8) Diethyl Ether	3.977	74	66274	18.748	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.389	101	97917	16.931	ug/l	98
10) Methyl Iodide	4.600	142	158605	18.750	ug/l	98
11) Tert butyl alcohol	5.536	59	70154	84.463	ug/l	99
12) 1,1-Dichloroethene	4.359	96	97433	18.033	ug/l	92
13) Acrolein	4.194	56	111840	100.794	ug/l	97
14) Allyl chloride	5.036	41	124308	17.666	ug/l	92
15) Acrylonitrile	5.736	53	227658	91.339	ug/l	99
16) Acetone	4.441	43	157613	74.969	ug/l	93
17) Carbon Disulfide	4.730	76	250207	17.876	ug/l	100
18) Methyl Acetate	5.041	43	117395	17.648	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	338762	18.853	ug/l	97
20) Methylene Chloride	5.289	84	114874	17.724	ug/l	91
21) trans-1,2-Dichloroethene	5.806	96	107995	18.390	ug/l	95
22) Diisopropyl ether	6.683	45	269724	16.913	ug/l	98
23) Vinyl Acetate	6.618	43	881209	88.310	ug/l	98
24) 1,1-Dichloroethane	6.577	63	176630	17.248	ug/l	99
25) 2-Butanone	7.494	43	197753	65.438	ug/l	91
26) 2,2-Dichloropropane	7.500	77	121863	14.256	ug/l	94
27) cis-1,2-Dichloroethene	7.494	96	106673	15.533	ug/l	95
28) Bromochloromethane	7.818	49	62191	15.157	ug/l	84
29) Tetrahydrofuran	7.847	42	133432	68.701	ug/l	90
30) Chloroform	7.971	83	168744	15.190	ug/l	96
31) Cyclohexane	8.265	56	165772	16.448	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	156778	15.749	ug/l	97
36) 1,1-Dichloropropene	8.377	75	139837	16.677	ug/l	98
37) Ethyl Acetate	7.571	43	82015	13.055	ug/l #	92
38) Carbon Tetrachloride	8.365	117	151365	16.790	ug/l	95
39) Methylcyclohexane	9.606	83	207472	19.924	ug/l	99
40) Benzene	8.612	78	456474	17.959	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	44655	12.554	ug/l	91
42) 1,2-Dichloroethane	8.677	62	138700	16.760	ug/l	96
43) Isopropyl Acetate	8.694	43	179530	17.174	ug/l	95
44) Trichloroethene	9.359	130	126390	18.621	ug/l	99
45) 1,2-Dichloropropane	9.629	63	121085	19.835	ug/l	96
46) Dibromomethane	9.712	93	84394	19.164	ug/l	100
47) Bromodichloromethane	9.894	83	173980	19.646	ug/l	97
48) Methyl methacrylate	9.682	41	99692	19.392	ug/l	99
49) 1,4-Dioxane	9.700	88	44213	402.033	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	612653	97.517	ug/l	100
52) Toluene	10.635	92	317577	19.360	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	174571	20.402	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	193833	19.865	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	123379	19.204	ug/l	96
56) Ethyl methacrylate	10.876	69	174098	20.247	ug/l	98
57) 1,3-Dichloropropane	11.165	76	201659	19.391	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	245203	99.789	ug/l	98
59) 2-Hexanone	11.200	43	433687	96.828	ug/l	100
60) Dibromochloromethane	11.359	129	135709	20.043	ug/l	99
61) 1,2-Dibromoethane	11.470	107	125019	19.658	ug/l	99
64) Tetrachloroethene	11.106	164	134539	18.256	ug/l	98
65) Chlorobenzene	11.894	112	335924	18.354	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	127866	18.866	ug/l	98
67) Ethyl Benzene	11.965	91	597932	18.383	ug/l	99
68) m/p-Xylenes	12.076	106	476885	37.631	ug/l	99
69) o-Xylene	12.400	106	232742	18.755	ug/l	98
70) Styrene	12.412	104	373761	18.937	ug/l	99
71) Bromoform	12.582	173	90391	19.106	ug/l #	98
73) Isopropylbenzene	12.700	105	613205	18.380	ug/l	100
74) N-amyl acetate	12.500	43	170614	18.338	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	168456	18.422	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	152609m	20.079	ug/l	
77) Bromobenzene	12.982	156	141023	18.173	ug/l	99
78) n-propylbenzene	13.041	91	686826	18.697	ug/l	100
79) 2-Chlorotoluene	13.129	91	427054	18.250	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	525506	18.979	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	45911	18.549	ug/l	94
82) 4-Chlorotoluene	13.129	91	427054	18.250	ug/l	100
83) tert-Butylbenzene	13.441	119	465695	18.778	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	525443	19.069	ug/l	99
85) sec-Butylbenzene	13.617	105	642150	19.201	ug/l	100
86) p-Isopropyltoluene	13.735	119	530828	19.368	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	259624	18.178	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	252227	17.385	ug/l	97
89) n-Butylbenzene	14.059	91	405825	18.700	ug/l	99
90) Hexachloroethane	14.335	117	85858	17.985	ug/l	98
91) 1,2-Dichlorobenzene	14.111	146	253964	18.035	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	27651	17.471	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	114037	17.674	ug/l	100
94) Hexachlorobutadiene	15.505	225	65310	18.001	ug/l	99
95) Naphthalene	15.647	128	329314	17.543	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	109417	17.707	ug/l	99

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

