

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020823\
 Data File : VN076570.D
 Acq On : 08 Feb 2023 11:09
 Operator : JC\MD
 Sample : VN0208WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0208WBS01

Manual Integrations
 APPROVED

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

Quant Time: Feb 09 00:42:31 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	656096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1088628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	960473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	432071	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	370157	47.800	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.600%		
35) Dibromofluoromethane	8.171	113	333758	49.320	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.640%		
50) Toluene-d8	10.571	98	1262612	49.595	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.180%		
62) 4-Bromofluorobenzene	12.853	95	442755	49.365	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	130278	19.114	ug/l	100
3) Chloromethane	2.377	50	102361	16.341	ug/l	100
4) Vinyl Chloride	2.530	62	86622	15.060	ug/l	98
5) Bromomethane	2.965	94	65534	15.357	ug/l	96
6) Chloroethane	3.130	64	55287	15.891	ug/l	96
7) Trichlorofluoromethane	3.512	101	207086	18.266	ug/l	95
8) Diethyl Ether	3.977	74	74191	17.282	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.389	101	119389	16.999	ug/l	99
10) Methyl Iodide	4.606	142	167959	16.350	ug/l	99
11) Tert butyl alcohol	5.530	59	85974	85.236	ug/l	97
12) 1,1-Dichloroethene	4.359	96	112029	17.075	ug/l	99
13) Acrolein	4.194	56	125124	92.859	ug/l	97
14) Allyl chloride	5.041	41	150240	17.582	ug/l	96
15) Acrylonitrile	5.736	53	254731	84.159	ug/l	99
16) Acetone	4.441	43	231010	90.483	ug/l	100
17) Carbon Disulfide	4.730	76	283114	16.657	ug/l	99
18) Methyl Acetate	5.041	43	138342	17.126	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	370467	16.978	ug/l	99
20) Methylene Chloride	5.294	84	127394	16.186	ug/l	97
21) trans-1,2-Dichloroethene	5.806	96	119891	16.812	ug/l	95
22) Diisopropyl ether	6.683	45	332558	17.172	ug/l	99
23) Vinyl Acetate	6.618	43	1044283	86.177	ug/l	98
24) 1,1-Dichloroethane	6.583	63	211545	17.010	ug/l	99
25) 2-Butanone	7.494	43	313436	85.409	ug/l	96
26) 2,2-Dichloropropane	7.506	77	178659	17.210	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	140553	16.854	ug/l	99
28) Bromochloromethane	7.818	49	91857	18.434	ug/l	100
29) Tetrahydrofuran	7.847	42	203700	86.366	ug/l	99
30) Chloroform	7.977	83	226595	16.796	ug/l	99
31) Cyclohexane	8.265	56	205167	16.763	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	205624	17.010	ug/l	94
36) 1,1-Dichloropropene	8.377	75	163984	16.972	ug/l	99
37) Ethyl Acetate	7.571	43	132358	18.284	ug/l	99
38) Carbon Tetrachloride	8.371	117	179814	17.309	ug/l	97
39) Methylcyclohexane	9.606	83	212385	17.700	ug/l	98
40) Benzene	8.612	78	510185	17.419	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	67519	16.473	ug/l	96
42) 1,2-Dichloroethane	8.677	62	165470	17.352	ug/l	99
43) Isopropyl Acetate	8.694	43	209030	17.353	ug/l	100
44) Trichloroethene	9.359	130	135080	17.271	ug/l	99
45) 1,2-Dichloropropane	9.624	63	121176	17.226	ug/l	98
46) Dibromomethane	9.712	93	87239	17.192	ug/l	97
47) Bromodichloromethane	9.894	83	178448	17.487	ug/l	98
48) Methyl methacrylate	9.682	41	103036	17.393	ug/l	96
49) 1,4-Dioxane	9.700	88	47996	378.747	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	629774	86.993	ug/l	99
52) Toluene	10.635	92	331292	17.527	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	175124	17.762	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	199679	17.760	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	125631	16.970	ug/l	99
56) Ethyl methacrylate	10.876	69	176315	17.795	ug/l	99
57) 1,3-Dichloropropane	11.165	76	207618	17.326	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	251099	88.682	ug/l	99
59) 2-Hexanone	11.200	43	460204	89.168	ug/l	98
60) Dibromochloromethane	11.359	129	136192	17.456	ug/l	99
61) 1,2-Dibromoethane	11.470	107	127812	17.441	ug/l	100
64) Tetrachloroethene	11.106	164	142589	17.829	ug/l	98
65) Chlorobenzene	11.894	112	347886	17.515	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	128425	17.460	ug/l	99
67) Ethyl Benzene	11.965	91	616764	17.473	ug/l	98
68) m/p-Xylenes	12.076	106	491755	35.756	ug/l	100
69) o-Xylene	12.400	106	243568	18.085	ug/l	100
70) Styrene	12.412	104	394746	18.429	ug/l	99
71) Bromoform	12.582	173	94450	18.396	ug/l	96
73) Isopropylbenzene	12.700	105	631353	17.842	ug/l	100
74) N-amyl acetate	12.494	43	174864	17.720	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	169475	17.473	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	156048m	19.357	ug/l	
77) Bromobenzene	12.982	156	146232	17.766	ug/l	96
78) n-propylbenzene	13.035	91	704294	18.076	ug/l	99
79) 2-Chlorotoluene	13.129	91	440370	17.742	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	536989	18.285	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	46491	17.709	ug/l	96
82) 4-Chlorotoluene	13.129	91	440370	17.742	ug/l	99
83) tert-Butylbenzene	13.441	119	479460	18.227	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	534236	18.279	ug/l	100
85) sec-Butylbenzene	13.617	105	649595	18.313	ug/l	100
86) p-Isopropyltoluene	13.729	119	542999	18.679	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	266145	17.569	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	260746	16.945	ug/l	97
89) n-Butylbenzene	14.059	91	414719	18.017	ug/l	99
90) Hexachloroethane	14.335	117	89790	17.733	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	261712	17.523	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	28956	17.250	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	115503	16.877	ug/l	100
94) Hexachlorobutadiene	15.505	225	68796	17.877	ug/l	99
95) Naphthalene	15.641	128	325594	16.353	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	112080	17.101	ug/l	99

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

