

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020823\
 Data File : VN076577.D
 Acq On : 08 Feb 2023 14:09
 Operator : JC\MD
 Sample : VN0208WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0208WBSD01

Quant Time: Feb 09 00:47:18 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.228	168	619879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.104	114	1033061	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.869	117	909163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.792	152	415880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.587	65	374049	51.124	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.240%			
35) Dibromofluoromethane	8.175	113	330029	51.392	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.780%			
50) Toluene-d8	10.569	98	1264258	52.330	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.660%			
62) 4-Bromofluorobenzene	12.851	95	446451	52.455	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.140	85	137481	21.349	ug/l	96
3) Chloromethane	2.375	50	94331	15.939	ug/l	99
4) Vinyl Chloride	2.528	62	82408	15.164	ug/l	99
5) Bromomethane	2.963	94	61112	15.157	ug/l	94
6) Chloroethane	3.128	64	46918	14.274	ug/l	97
7) Trichlorofluoromethane	3.510	101	166801	15.573	ug/l	99
8) Diethyl Ether	3.975	74	73016	18.002	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.387	101	126171	19.014	ug/l	96
10) Methyl Iodide	4.604	142	191046	19.684	ug/l	98
11) Tert butyl alcohol	5.534	59	100112	105.052	ug/l	98
12) 1,1-Dichloroethene	4.352	96	122934	19.831	ug/l	94
13) Acrolein	4.193	56	120359	94.541	ug/l	100
14) Allyl chloride	5.040	41	172908	21.417	ug/l	90
15) Acrylonitrile	5.734	53	279583	97.766	ug/l	99
16) Acetone	4.446	43	259181	107.448	ug/l	97
17) Carbon Disulfide	4.728	76	309109	19.248	ug/l	99
18) Methyl Acetate	5.046	43	156849	20.551	ug/l	100
19) Methyl tert-butyl Ether	5.810	73	405648	19.676	ug/l	98
20) Methylene Chloride	5.287	84	142565	19.172	ug/l	98
21) trans-1,2-Dichloroethene	5.799	96	128814	19.118	ug/l	97
22) Diisopropyl ether	6.681	45	366074	20.007	ug/l	99
23) Vinyl Acetate	6.616	43	1170604	102.246	ug/l	98
24) 1,1-Dichloroethane	6.581	63	230943	19.655	ug/l	100
25) 2-Butanone	7.493	43	357000	102.963	ug/l	100
26) 2,2-Dichloropropane	7.498	77	193782	19.757	ug/l	99
27) cis-1,2-Dichloroethene	7.498	96	151347	19.208	ug/l	98
28) Bromochloromethane	7.822	49	91615	19.460	ug/l	98
29) Tetrahydrofuran	7.845	42	225258	101.086	ug/l	99
30) Chloroform	7.975	83	248611	19.505	ug/l	100
31) Cyclohexane	8.263	56	215009	18.593	ug/l	99
32) 1,1,1-Trichloroethane	8.175	97	225486	19.743	ug/l	96
36) 1,1-Dichloropropene	8.375	75	180856	19.725	ug/l	98
37) Ethyl Acetate	7.575	43	137069	19.954	ug/l	97
38) Carbon Tetrachloride	8.369	117	198213	20.106	ug/l	98
39) Methylcyclohexane	9.604	83	229565	20.161	ug/l	96
40) Benzene	8.616	78	554109	19.936	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.787	41	79960	20.558	ug/l	98
42) 1,2-Dichloroethane	8.675	62	179809	19.870	ug/l	100
43) Isopropyl Acetate	8.692	43	249303	21.810	ug/l	98
44) Trichloroethene	9.357	130	145923	19.661	ug/l	97
45) 1,2-Dichloropropane	9.628	63	135127	20.242	ug/l	99
46) Dibromomethane	9.716	93	92480	19.205	ug/l	98
47) Bromodichloromethane	9.892	83	193293	19.961	ug/l	97
48) Methyl methacrylate	9.681	41	110447	19.647	ug/l	98
49) 1,4-Dioxane	9.698	88	53038	441.047	ug/l #	88
51) 4-Methyl-2-Pentanone	10.445	43	697209	101.488	ug/l	100
52) Toluene	10.634	92	356640	19.883	ug/l	98
53) t-1,3-Dichloropropene	10.839	75	194344	20.771	ug/l	98
54) cis-1,3-Dichloropropene	10.316	75	218397	20.469	ug/l	99
55) 1,1,2-Trichloroethane	11.022	97	138083	19.655	ug/l	98
56) Ethyl methacrylate	10.881	69	198296	21.090	ug/l	98
57) 1,3-Dichloropropane	11.169	76	230208	20.244	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.163	63	258021	96.028	ug/l	99
59) 2-Hexanone	11.198	43	522112	106.605	ug/l	99
60) Dibromochloromethane	11.363	129	148363	20.039	ug/l	99
61) 1,2-Dibromoethane	11.475	107	136497	19.628	ug/l	98
64) Tetrachloroethene	11.104	164	156248	20.639	ug/l	96
65) Chlorobenzene	11.892	112	376959	20.049	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.963	131	142610	20.483	ug/l	97
67) Ethyl Benzene	11.963	91	678661	20.311	ug/l	99
68) m/p-Xylenes	12.075	106	540807	41.542	ug/l	99
69) o-Xylene	12.398	106	264766	20.769	ug/l	99
70) Styrene	12.416	104	429970	21.206	ug/l	99
71) Bromoform	12.580	173	101009	20.784	ug/l #	100
73) Isopropylbenzene	12.698	105	686150	20.145	ug/l	99
74) N-amyl acetate	12.498	43	197524	20.796	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.939	83	187418	20.076	ug/l	97
76) 1,2,3-Trichloropropane	12.998	75	156893m	20.220	ug/l	
77) Bromobenzene	12.980	156	158020	19.946	ug/l	98
78) n-propylbenzene	13.039	91	782812	20.873	ug/l	100
79) 2-Chlorotoluene	13.127	91	479764	20.082	ug/l	100
80) 1,3,5-Trimethylbenzene	13.175	105	596103	21.088	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.739	75	53694	21.249	ug/l	95
82) 4-Chlorotoluene	13.127	91	479764	20.082	ug/l	100
83) tert-Butylbenzene	13.439	119	524934	20.733	ug/l	97
84) 1,2,4-Trimethylbenzene	13.486	105	589848	20.968	ug/l	99
85) sec-Butylbenzene	13.622	105	718619	21.047	ug/l	99
86) p-Isopropyltoluene	13.733	119	596358	21.314	ug/l	99
87) 1,3-Dichlorobenzene	13.733	146	292912	20.088	ug/l	100
88) 1,4-Dichlorobenzene	13.816	146	285613	19.283	ug/l	98
89) n-Butylbenzene	14.057	91	456361	20.598	ug/l	100
90) Hexachloroethane	14.339	117	98352	20.180	ug/l	99
91) 1,2-Dichlorobenzene	14.110	146	284958	19.822	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.721	75	32000	19.805	ug/l	97
93) 1,2,4-Trichlorobenzene	15.398	180	125819	19.100	ug/l	99
94) Hexachlorobutadiene	15.504	225	73732	19.906	ug/l	98
95) Naphthalene	15.645	128	354889	18.518	ug/l	100
96) 1,2,3-Trichlorobenzene	15.839	180	121828	19.312	ug/l	100

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

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