

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121223\
 Data File : VN080441.D
 Acq On : 12 Dec 2023 16:40
 Operator : JC\MD
 Sample : VN1212WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212WBS01

Quant Time: Dec 13 02:33:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2023
 Supervised By : Mahesh Dadoda 12/13/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	302292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	478416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	426565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	197637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	201426	52.170	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.340%			
35) Dibromofluoromethane	8.165	113	151613	49.982	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.960%			
50) Toluene-d8	10.565	98	575964	50.912	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.820%			
62) 4-Bromofluorobenzene	12.847	95	211730	49.288	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	74055	19.170	ug/l	100
3) Chloromethane	2.365	50	73648	17.943	ug/l	100
4) Vinyl Chloride	2.512	62	59656	18.083	ug/l	96
5) Bromomethane	2.959	94	27565	18.532	ug/l	98
6) Chloroethane	3.124	64	38842	18.322	ug/l	90
7) Trichlorofluoromethane	3.500	101	124268	18.571	ug/l	97
8) Diethyl Ether	3.959	74	40226	19.086	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	59248	18.681	ug/l	96
10) Methyl Iodide	4.583	142	46798	16.775	ug/l	92
11) Tert butyl alcohol	5.518	59	42553	93.582	ug/l #	93
12) 1,1-Dichloroethene	4.336	96	58019	17.854	ug/l	91
13) Acrolein	4.177	56	35197	70.680	ug/l	96
14) Allyl chloride	5.012	41	72966	18.148	ug/l	95
15) Acrylonitrile	5.718	53	126479	98.441	ug/l	97
16) Acetone	4.418	43	79654	116.352	ug/l	92
17) Carbon Disulfide	4.712	76	157274	17.077	ug/l	99
18) Methyl Acetate	5.018	43	84373	19.154	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	206787	19.073	ug/l	99
20) Methylene Chloride	5.271	84	64849	17.700	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	64873	18.411	ug/l	86
22) Diisopropyl ether	6.671	45	162608	18.738	ug/l	94
23) Vinyl Acetate	6.600	43	455510	91.394	ug/l	94
24) 1,1-Dichloroethane	6.565	63	112720	18.618	ug/l	97
25) 2-Butanone	7.483	43	135570	102.797	ug/l	89
26) 2,2-Dichloropropane	7.494	77	110991	17.928	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	73480	18.423	ug/l	90
28) Bromochloromethane	7.812	49	44424	19.110	ug/l	98
29) Tetrahydrofuran	7.841	42	89110	94.359	ug/l	93
30) Chloroform	7.965	83	126611	18.839	ug/l	93
31) Cyclohexane	8.259	56	91991	17.520	ug/l	93
32) 1,1,1-Trichloroethane	8.165	97	123827	18.818	ug/l	96
36) 1,1-Dichloropropene	8.377	75	92922	18.735	ug/l	97
37) Ethyl Acetate	7.559	43	60388	19.444	ug/l	95
38) Carbon Tetrachloride	8.365	117	109670	18.506	ug/l	95
39) Methylcyclohexane	9.600	83	91795	17.816	ug/l	95
40) Benzene	8.606	78	265790	18.558	ug/l	98

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41) Methacrylonitrile	7.777	41	34241	19.124	ug/l	93
42) 1,2-Dichloroethane	8.671	62	102122	19.255	ug/l	97
43) Isopropyl Acetate	8.688	43	104035	18.630	ug/l	96
44) Trichloroethene	9.353	130	70741	18.322	ug/l	92
45) 1,2-Dichloropropane	9.624	63	61793	18.370	ug/l #	83
46) Dibromomethane	9.712	93	45126	18.681	ug/l #	89
47) Bromodichloromethane	9.888	83	98893	19.102	ug/l	99
48) Methyl methacrylate	9.682	41	62736	18.826	ug/l	91
49) 1,4-Dioxane	9.694	88	17133	339.193	ug/l #	80
51) 4-Methyl-2-Pentanone	10.441	43	297904	96.863	ug/l	100
52) Toluene	10.635	92	169841	18.772	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	104563	18.667	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	108226	18.076	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	64556	19.830	ug/l	99
56) Ethyl methacrylate	10.876	69	66022	18.317	ug/l	90
57) 1,3-Dichloropropane	11.165	76	109708	19.224	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	228605	100.467	ug/l	98
59) 2-Hexanone	11.194	43	217680	95.874	ug/l	99
60) Dibromochloromethane	11.359	129	73022	18.929	ug/l	100
61) 1,2-Dibromoethane	11.470	107	65430	19.419	ug/l	97
64) Tetrachloroethene	11.106	164	61495	18.672	ug/l	96
65) Chlorobenzene	11.894	112	178497	18.811	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	69042	18.543	ug/l	96
67) Ethyl Benzene	11.965	91	319847	18.332	ug/l	97
68) m/p-Xylenes	12.070	106	241818	37.506	ug/l	90
69) o-Xylene	12.394	106	115074	18.247	ug/l	87
70) Styrene	12.412	104	173580	19.109	ug/l	94
71) Bromoform	12.582	173	48960	18.032	ug/l #	100
73) Isopropylbenzene	12.694	105	302425	19.048	ug/l	99
74) N-amyl acetate	12.494	43	86410	18.638	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	81070	19.056	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	76324m	19.358	ug/l	
77) Bromobenzene	12.982	156	73925	18.928	ug/l	95
78) n-propylbenzene	13.035	91	329262	18.810	ug/l	100
79) 2-Chlorotoluene	13.123	91	212971	18.635	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	258616	18.913	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	27721	18.460	ug/l #	86
82) 4-Chlorotoluene	13.223	91	221689	18.872	ug/l	96
83) tert-Butylbenzene	13.441	119	214657	19.169	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	258628	19.012	ug/l	97
85) sec-Butylbenzene	13.617	105	265573	18.539	ug/l	100
86) p-Isopropyltoluene	13.729	119	238683	18.453	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	124225	18.053	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	125750	18.103	ug/l	97
89) n-Butylbenzene	14.059	91	188331	17.435	ug/l	97
90) Hexachloroethane	14.335	117	35049	17.062	ug/l	67
91) 1,2-Dichlorobenzene	14.106	146	119605	18.304	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	16413	18.341	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	63598	17.530	ug/l	95
94) Hexachlorobutadiene	15.500	225	33507	16.223	ug/l	99
95) Naphthalene	15.641	128	200424	18.193	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	63562	18.156	ug/l	99

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

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