

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062223\
 Data File : VN078346.D
 Acq On : 22 Jun 2023 13:29
 Operator : JC\MD
 Sample : VN0622WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

Quant Time: Jun 22 17:01:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/22/2023
 Supervised By : Mahesh Dadoda 06/23/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	413870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	741824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	640204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	231085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	285113	51.668	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.340%			
35) Dibromofluoromethane	8.171	113	246209	52.491	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.980%			
50) Toluene-d8	10.571	98	898677	49.700	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.400%			
62) 4-Bromofluorobenzene	12.853	95	264547	47.061	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.120%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	90609	19.368	ug/l	98
3) Chloromethane	2.377	50	92841	20.000	ug/l	99
4) Vinyl Chloride	2.524	62	131527	21.470	ug/l	97
5) Bromomethane	2.971	94	99259	21.439	ug/l	93
6) Chloroethane	3.130	64	81309	19.470	ug/l	98
7) Trichlorofluoromethane	3.512	101	153705	18.502	ug/l	99
8) Diethyl Ether	3.971	74	49999	17.129	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.383	101	83585	19.065	ug/l	95
10) Methyl Iodide	4.606	142	110157	17.767	ug/l #	97
11) Tert butyl alcohol	5.541	59	59676	78.321	ug/l	100
12) 1,1-Dichloroethene	4.359	96	80625	17.840	ug/l	96
13) Acrolein	4.194	56	74173	88.326	ug/l	99
14) Allyl chloride	5.036	41	103627	18.784	ug/l	96
15) Acrylonitrile	5.730	53	165289	84.142	ug/l	97
16) Acetone	4.441	43	136139	85.712	ug/l	97
17) Carbon Disulfide	4.724	76	210636	18.107	ug/l	97
18) Methyl Acetate	5.041	43	123257	16.855	ug/l	92
19) Methyl tert-butyl Ether	5.806	73	256146	17.764	ug/l	94
20) Methylene Chloride	5.294	84	94627	18.029	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	87448	17.940	ug/l	91
22) Diisopropyl ether	6.683	45	241572	18.615	ug/l	97
23) Vinyl Acetate	6.618	43	697796	90.457	ug/l	93
24) 1,1-Dichloroethane	6.577	63	159329	18.612	ug/l	97
25) 2-Butanone	7.494	43	218467	89.444	ug/l	88
26) 2,2-Dichloropropane	7.494	77	137820	21.804	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	102147	17.568	ug/l	92
28) Bromochloromethane	7.824	49	83892	21.344	ug/l	89
29) Tetrahydrofuran	7.847	42	139798	85.617	ug/l	85
30) Chloroform	7.971	83	173860	18.860	ug/l	94
31) Cyclohexane	8.265	56	129227	18.256	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	152454	18.838	ug/l	97
36) 1,1-Dichloropropene	8.377	75	123169	18.307	ug/l	97
37) Ethyl Acetate	7.571	43	92010	17.506	ug/l #	93
38) Carbon Tetrachloride	8.371	117	135028	19.007	ug/l	98
39) Methylcyclohexane	9.606	83	111157	15.943	ug/l	91
40) Benzene	8.612	78	383004	19.069	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	51257	17.992	ug/l	91
42) 1,2-Dichloroethane	8.677	62	134503	19.531	ug/l	99
43) Isopropyl Acetate	8.694	43	164919	16.407	ug/l	94
44) Trichloroethene	9.359	130	94811	17.874	ug/l	95
45) 1,2-Dichloropropane	9.629	63	95650	19.140	ug/l	97
46) Dibromomethane	9.712	93	66210	17.988	ug/l	93
47) Bromodichloromethane	9.894	83	131170	19.184	ug/l	99
48) Methyl methacrylate	9.682	41	73357	17.391	ug/l	89
49) 1,4-Dioxane	9.700	88	29877	336.995	ug/l	96
51) 4-Methyl-2-Pentanone	10.453	43	467277	88.281	ug/l	92
52) Toluene	10.635	92	235431	18.565	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	133206	18.707	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	148849	18.910	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	93252	19.438	ug/l	97
56) Ethyl methacrylate	10.882	69	122131	17.484	ug/l #	89
57) 1,3-Dichloropropane	11.170	76	153457	18.951	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	242822	86.052	ug/l	94
59) 2-Hexanone	11.200	43	316635	85.914	ug/l	91
60) Dibromochloromethane	11.365	129	96405	18.365	ug/l	99
61) 1,2-Dibromoethane	11.476	107	89775	17.832	ug/l	100
64) Tetrachloroethene	11.112	164	76176	17.836	ug/l	96
65) Chlorobenzene	11.894	112	241536	17.617	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	94049	18.651	ug/l	97
67) Ethyl Benzene	11.970	91	414904	17.538	ug/l	100
68) m/p-Xylenes	12.076	106	311849	34.590	ug/l	95
69) o-Xylene	12.406	106	155700	17.586	ug/l	98
70) Styrene	12.417	104	243247	17.452	ug/l	97
71) Bromoform	12.582	173	57804	17.763	ug/l #	99
73) Isopropylbenzene	12.700	105	375857	17.200	ug/l	100
74) N-amyl acetate	12.500	43	120306	16.718	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	121617	18.703	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	92297m	16.895	ug/l	
77) Bromobenzene	12.988	156	89115	17.568	ug/l	98
78) n-propylbenzene	13.041	91	411616	17.337	ug/l	100
79) 2-Chlorotoluene	13.129	91	262764	17.146	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	310252	17.536	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	33175	18.657	ug/l	94
82) 4-Chlorotoluene	13.229	91	238213	16.655	ug/l	96
83) tert-Butylbenzene	13.441	119	254801	16.568	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	295532	17.230	ug/l	98
85) sec-Butylbenzene	13.623	105	323397	16.066	ug/l	99
86) p-Isopropyltoluene	13.735	119	264921	16.218	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	142164	16.568	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	139469	16.845	ug/l	98
89) n-Butylbenzene	14.059	91	191407	14.856	ug/l	97
90) Hexachloroethane	14.335	117	47687	16.451	ug/l	88
91) 1,2-Dichlorobenzene	14.111	146	140945	16.807	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17587	16.248	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	35911	12.019	ug/l	99
94) Hexachlorobutadiene	15.505	225	26672	16.412	ug/l	99
95) Naphthalene	15.647	128	104482	10.396	ug/l	96
96) 1,2,3-Trichlorobenzene	15.847	180	40059	11.988	ug/l	91

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

