

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062123\
 Data File : VN078318.D
 Acq On : 21 Jun 2023 13:23
 Operator : JC\MD
 Sample : VN0621WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBS01

Quant Time: Jun 22 04:47:30 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 06/22/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	393731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	716498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	611245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	223068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	277565	52.873	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.740%			
35) Dibromofluoromethane	8.177	113	234911	51.853	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.700%			
50) Toluene-d8	10.570	98	858782	49.172	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.340%			
62) 4-Bromofluorobenzene	12.853	95	260911	48.055	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	61829	13.892	ug/l	100
3) Chloromethane	2.371	50	76269	17.012	ug/l	97
4) Vinyl Chloride	2.524	62	105841	18.161	ug/l	94
5) Bromomethane	2.965	94	79648	18.084	ug/l	97
6) Chloroethane	3.130	64	74732	18.810	ug/l	94
7) Trichlorofluoromethane	3.506	101	158040	19.997	ug/l	94
8) Diethyl Ether	3.977	74	47176	16.988	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.383	101	75612	18.128	ug/l	98
10) Methyl Iodide	4.594	142	97880	16.594	ug/l	99
11) Tert butyl alcohol	5.530	59	59782	82.473	ug/l	95
12) 1,1-Dichloroethene	4.347	96	68786	15.998	ug/l	92
13) Acrolein	4.189	56	71950	90.062	ug/l	93
14) Allyl chloride	5.030	41	92601	17.643	ug/l	93
15) Acrylonitrile	5.730	53	181945	97.358	ug/l	99
16) Acetone	4.441	43	151444	100.225	ug/l	94
17) Carbon Disulfide	4.718	76	153113	13.835	ug/l	99
18) Methyl Acetate	5.036	43	131335	18.879	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	250322	18.248	ug/l	99
20) Methylene Chloride	5.288	84	89438	17.912	ug/l	96
21) trans-1,2-Dichloroethene	5.794	96	76361	16.467	ug/l	84
22) Diisopropyl ether	6.683	45	239043	19.363	ug/l #	91
23) Vinyl Acetate	6.618	43	670245	91.330	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	154855	19.014	ug/l	93
25) 2-Butanone	7.494	43	224539	96.632	ug/l #	80
26) 2,2-Dichloropropane	7.500	77	129038	21.458	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	96534	17.452	ug/l	93
28) Bromochloromethane	7.818	49	79904	21.369	ug/l	92
29) Tetrahydrofuran	7.853	42	147484	94.944	ug/l #	84
30) Chloroform	7.977	83	163658	18.662	ug/l	93
31) Cyclohexane	8.271	56	109922	16.323	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	146327	19.005	ug/l	99
36) 1,1-Dichloropropene	8.377	75	112408	17.298	ug/l	96
37) Ethyl Acetate	7.571	43	96023	18.916	ug/l #	75
38) Carbon Tetrachloride	8.365	117	125907	18.350	ug/l	96
39) Methylcyclohexane	9.612	83	88500	13.142	ug/l	95
40) Benzene	8.612	78	352630	18.177	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	50624	18.398	ug/l	91
42) 1,2-Dichloroethane	8.676	62	125796	18.912	ug/l	97
43) Isopropyl Acetate	8.694	43	168501	17.356	ug/l	94
44) Trichloroethene	9.359	130	87026	16.986	ug/l	96
45) 1,2-Dichloropropane	9.629	63	91190	18.893	ug/l	97
46) Dibromomethane	9.712	93	65508	18.426	ug/l	97
47) Bromodichloromethane	9.894	83	131408	19.899	ug/l	95
48) Methyl methacrylate	9.688	41	74557	18.300	ug/l	89
49) 1,4-Dioxane	9.694	88	28005	327.045	ug/l #	84
51) 4-Methyl-2-Pentanone	10.453	43	488330	95.520	ug/l	93
52) Toluene	10.635	92	215511	17.595	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	130363	18.955	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	146297	19.243	ug/l	94
55) 1,1,2-Trichloroethane	11.023	97	92869	20.043	ug/l	95
56) Ethyl methacrylate	10.876	69	124525	18.457	ug/l	93
57) 1,3-Dichloropropane	11.170	76	150687	19.267	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	237985	87.319	ug/l	92
59) 2-Hexanone	11.200	43	342630	96.253	ug/l	90
60) Dibromochloromethane	11.365	129	94844	18.706	ug/l	96
61) 1,2-Dibromoethane	11.476	107	88795	18.261	ug/l	96
64) Tetrachloroethene	11.112	164	67357	16.518	ug/l	99
65) Chlorobenzene	11.894	112	228068	17.423	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.964	131	88845	18.453	ug/l	96
67) Ethyl Benzene	11.970	91	395901	17.528	ug/l	100
68) m/p-Xylenes	12.076	106	290786	33.781	ug/l	98
69) o-Xylene	12.406	106	143740	17.004	ug/l	93
70) Styrene	12.417	104	236184	17.748	ug/l	99
71) Bromoform	12.582	173	58533	18.839	ug/l #	99
73) Isopropylbenzene	12.700	105	350530	16.618	ug/l	99
74) N-amyl acetate	12.500	43	123445	17.771	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	128765	20.763	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	100478m	19.054	ug/l	
77) Bromobenzene	12.982	156	84721	17.302	ug/l	98
78) n-propylbenzene	13.041	91	385164	16.806	ug/l	98
79) 2-Chlorotoluene	13.129	91	244775	16.546	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	284592	16.664	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	31823	18.540	ug/l #	77
82) 4-Chlorotoluene	13.223	91	232533	16.842	ug/l	98
83) tert-Butylbenzene	13.441	119	222344	14.977	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	277610	16.766	ug/l	99
85) sec-Butylbenzene	13.617	105	290993	14.976	ug/l	98
86) p-Isopropyltoluene	13.735	119	233956	14.838	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	129877	15.680	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	132825	16.619	ug/l	100
89) n-Butylbenzene	14.058	91	167765	13.489	ug/l	96
90) Hexachloroethane	14.341	117	46379	16.574	ug/l	89
91) 1,2-Dichlorobenzene	14.111	146	135701	16.764	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18663	17.862	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	33480	11.608	ug/l	100
94) Hexachlorobutadiene	15.505	225	21730	13.410	ug/l	98
95) Naphthalene	15.647	128	107438	11.074	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	39207	12.154	ug/l	96

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

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