

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061923\
 Data File : VN078278.D
 Acq On : 19 Jun 2023 14:36
 Operator : JC\MD
 Sample : VN0619WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBSD01

Quant Time: Jun 20 01:27:29 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 06/20/2023
 Supervised By : Mahesh Dadoda 06/22/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	363593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	663570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	563034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	201586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	288811	59.576	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.160%			
35) Dibromofluoromethane	8.177	113	241259	57.502	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.000%			
50) Toluene-d8	10.577	98	886968	54.837	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.680%			
62) 4-Bromofluorobenzene	12.853	95	272437	54.180	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	74951	18.236	ug/l	92
3) Chloromethane	2.371	50	84945	20.907	ug/l	91
4) Vinyl Chloride	2.518	62	114794	21.330	ug/l	97
5) Bromomethane	2.959	94	92046	22.631	ug/l	98
6) Chloroethane	3.124	64	82878	22.590	ug/l	94
7) Trichlorofluoromethane	3.501	101	152593	20.908	ug/l	92
8) Diethyl Ether	3.971	74	53847	20.998	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.377	101	81033	21.038	ug/l	99
10) Methyl Iodide	4.600	142	107719	19.776	ug/l	98
11) Tert butyl alcohol	5.547	59	75074	112.154	ug/l	99
12) 1,1-Dichloroethene	4.348	96	79492	20.021	ug/l	94
13) Acrolein	4.189	56	82585	111.942	ug/l	98
14) Allyl chloride	5.042	41	106176	21.907	ug/l	95
15) Acrylonitrile	5.736	53	211543	122.579	ug/l	99
16) Acetone	4.436	43	155752	111.620	ug/l	94
17) Carbon Disulfide	4.718	76	180686	17.680	ug/l	96
18) Methyl Acetate	5.036	43	154404	24.034	ug/l	90
19) Methyl tert-butyl Ether	5.812	73	282200	22.277	ug/l	95
20) Methylene Chloride	5.283	84	97464	21.137	ug/l	89
21) trans-1,2-Dichloroethene	5.794	96	84695	19.778	ug/l	85
22) Diisopropyl ether	6.683	45	266169	23.347	ug/l #	93
23) Vinyl Acetate	6.618	43	781192	115.271	ug/l #	88
24) 1,1-Dichloroethane	6.577	63	169724	22.567	ug/l	98
25) 2-Butanone	7.494	43	264268	123.157	ug/l #	86
26) 2,2-Dichloropropane	7.500	77	136012	24.493	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	108509	21.243	ug/l	96
28) Bromochloromethane	7.824	49	84878	24.580	ug/l	85
29) Tetrahydrofuran	7.847	42	165902	115.654	ug/l	88
30) Chloroform	7.977	83	183293	22.633	ug/l	96
31) Cyclohexane	8.265	56	115169	18.520	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	159778	22.473	ug/l	97
36) 1,1-Dichloropropene	8.383	75	126536	21.026	ug/l	96
37) Ethyl Acetate	7.571	43	109633	23.319	ug/l #	96
38) Carbon Tetrachloride	8.371	117	134296	21.134	ug/l	96
39) Methylcyclohexane	9.606	83	96596	15.488	ug/l	88
40) Benzene	8.612	78	389616	21.685	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	61565	24.159	ug/l	92
42) 1,2-Dichloroethane	8.677	62	139143	22.587	ug/l	98
43) Isopropyl Acetate	8.694	43	202152	22.483	ug/l	93
44) Trichloroethene	9.359	130	96338	20.304	ug/l	100
45) 1,2-Dichloropropane	9.630	63	102193	22.861	ug/l	97
46) Dibromomethane	9.718	93	74161	22.524	ug/l	98
47) Bromodichloromethane	9.894	83	141626	23.156	ug/l	99
48) Methyl methacrylate	9.688	41	89005	23.589	ug/l	89
49) 1,4-Dioxane	9.700	88	34549	435.648	ug/l #	91
51) 4-Methyl-2-Pentanone	10.453	43	578938	122.276	ug/l	91
52) Toluene	10.635	92	242231	21.354	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	140301	22.027	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	162366	23.060	ug/l	94
55) 1,1,2-Trichloroethane	11.024	97	100454	23.409	ug/l	95
56) Ethyl methacrylate	10.877	69	145710	23.320	ug/l	92
57) 1,3-Dichloropropane	11.165	76	169250	23.366	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.171	63	254383	100.780	ug/l	94
59) 2-Hexanone	11.200	43	399340	121.133	ug/l	93
60) Dibromochloromethane	11.365	129	104036	22.156	ug/l	98
61) 1,2-Dibromoethane	11.476	107	102716	22.809	ug/l	97
64) Tetrachloroethene	11.112	164	74116	19.732	ug/l	98
65) Chlorobenzene	11.900	112	250665	20.789	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	99047	22.334	ug/l	98
67) Ethyl Benzene	11.971	91	437916	21.048	ug/l	100
68) m/p-Xylenes	12.076	106	329379	41.541	ug/l	98
69) o-Xylene	12.406	106	165831	21.298	ug/l	96
70) Styrene	12.418	104	256630	20.935	ug/l	95
71) Bromoform	12.588	173	64444	22.517	ug/l #	99
73) Isopropylbenzene	12.700	105	386184	20.259	ug/l	100
74) N-amyl acetate	12.500	43	146871	23.397	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	143345	26.174	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	126732m	26.593	ug/l	
77) Bromobenzene	12.988	156	94924	21.451	ug/l	98
78) n-propylbenzene	13.041	91	418271	20.196	ug/l	100
79) 2-Chlorotoluene	13.129	91	280101	20.952	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	311714	20.197	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	41557	26.791	ug/l	95
82) 4-Chlorotoluene	13.229	91	253338	20.304	ug/l	99
83) tert-Butylbenzene	13.441	119	251360	18.736	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	312424	20.880	ug/l	99
85) sec-Butylbenzene	13.623	105	311315	17.729	ug/l	98
86) p-Isopropyltoluene	13.735	119	259970	18.244	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	145188	19.397	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	146108	20.229	ug/l	99
89) n-Butylbenzene	14.059	91	192030	17.086	ug/l	98
90) Hexachloroethane	14.341	117	45991	18.187	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	150819	20.616	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22247	23.561	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	41181	15.800	ug/l	99
94) Hexachlorobutadiene	15.506	225	25007	17.851	ug/l	96
95) Naphthalene	15.647	128	137765	15.713	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	49675	17.040	ug/l	99

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

