

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060223\
 Data File : VN078022.D
 Acq On : 02 Jun 2023 11:21
 Operator : JC\MD
 Sample : VN0602WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0602WBSD01

Quant Time: Jun 05 01:15:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	332869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	590396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	514214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	203020	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	256237	51.447	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.900%	
35) Dibromofluoromethane	8.177	113	214403	55.690	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.380%	
50) Toluene-d8	10.577	98	762624	51.464	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.920%	
62) 4-Bromofluorobenzene	12.853	95	252870	48.316	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.640%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.136	85	57120	15.078	ug/l	96
3) Chloromethane	2.371	50	66367	15.280	ug/l	98
4) Vinyl Chloride	2.524	62	85964	17.998	ug/l	95
5) Bromomethane	2.965	94	68293	19.333	ug/l	99
6) Chloroethane	3.124	64	63437	18.430	ug/l	99
7) Trichlorofluoromethane	3.506	101	121860	18.308	ug/l	95
8) Diethyl Ether	3.965	74	47097	19.382	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.389	101	70899	19.247	ug/l	97
10) Methyl Iodide	4.601	142	90597	20.623	ug/l	95
11) Tert butyl alcohol	5.536	59	68572	99.760	ug/l	98
12) 1,1-Dichloroethene	4.348	96	66378	18.959	ug/l	92
13) Acrolein	4.195	56	32265	52.787	ug/l	92
14) Allyl chloride	5.036	41	94299	18.335	ug/l	93
15) Acrylonitrile	5.736	53	177028	96.400	ug/l	95
16) Acetone	4.442	43	158421	101.101	ug/l	98
17) Carbon Disulfide	4.724	76	147466	15.632	ug/l	96
18) Methyl Acetate	5.042	43	131969	20.076	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	249228	19.667	ug/l	93
20) Methylene Chloride	5.289	84	81693	18.797	ug/l	90
21) trans-1,2-Dichloroethene	5.800	96	71724	18.238	ug/l #	84
22) Diisopropyl ether	6.683	45	229129	19.007	ug/l #	90
23) Vinyl Acetate	6.612	43	687324	92.021	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	141705	19.187	ug/l	96
25) 2-Butanone	7.494	43	238501	97.300	ug/l	89
26) 2,2-Dichloropropane	7.500	77	120636	19.226	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	92985	19.719	ug/l	94
28) Bromochloromethane	7.818	49	65482	20.501	ug/l	87
29) Tetrahydrofuran	7.847	42	153066	95.367	ug/l #	84
30) Chloroform	7.977	83	157499	19.386	ug/l	94
31) Cyclohexane	8.259	56	112216	16.577	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	134269	19.439	ug/l	99
36) 1,1-Dichloropropene	8.377	75	111843	19.862	ug/l	94
37) Ethyl Acetate	7.571	43	95347	18.997	ug/l	94
38) Carbon Tetrachloride	8.377	117	115150	20.251	ug/l	92
39) Methylcyclohexane	9.606	83	104116	15.103	ug/l	96
40) Benzene	8.612	78	335788	20.207	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	52612	19.683	ug/l	92
42) 1,2-Dichloroethane	8.677	62	119092	19.729	ug/l	98
43) Isopropyl Acetate	8.694	43	160548	19.584	ug/l	94
44) Trichloroethene	9.359	130	85264	20.264	ug/l	93
45) 1,2-Dichloropropane	9.630	63	88420	20.861	ug/l	91
46) Dibromomethane	9.718	93	62380	20.567	ug/l	96
47) Bromodichloromethane	9.894	83	123768	21.315	ug/l	95
48) Methyl methacrylate	9.688	41	76219	19.609	ug/l	88
49) 1,4-Dioxane	9.700	88	30532	415.897	ug/l #	88
51) 4-Methyl-2-Pentanone	10.453	43	503932	103.412	ug/l	93
52) Toluene	10.635	92	210779	20.375	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	124887	20.310	ug/l	99
54) cis-1,3-Dichloropropene	10.324	75	137035	20.223	ug/l	94
55) 1,1,2-Trichloroethane	11.024	97	90754	22.094	ug/l	95
56) Ethyl methacrylate	10.882	69	122109	19.661	ug/l	90
57) 1,3-Dichloropropane	11.171	76	146661	20.827	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	256490	83.946	ug/l	89
59) 2-Hexanone	11.200	43	347260	96.344	ug/l	92
60) Dibromochloromethane	11.365	129	90727	21.396	ug/l	100
61) 1,2-Dibromoethane	11.477	107	88354	21.561	ug/l	96
64) Tetrachloroethene	11.106	164	78873	21.933	ug/l	93
65) Chlorobenzene	11.894	112	226840	20.349	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	87866	22.780	ug/l	96
67) Ethyl Benzene	11.971	91	397999	19.923	ug/l	97
68) m/p-Xylenes	12.077	106	299341	39.546	ug/l	98
69) o-Xylene	12.406	106	152219	20.448	ug/l	99
70) Styrene	12.418	104	231423	19.570	ug/l	97
71) Bromoform	12.582	173	55804	21.748	ug/l #	100
73) Isopropylbenzene	12.700	105	372620	21.292	ug/l	99
74) N-amyl acetate	12.500	43	125846	19.455	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	121687	22.603	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	102908m	20.240	ug/l	
77) Bromobenzene	12.988	156	85923	21.515	ug/l	98
78) n-propylbenzene	13.041	91	409885	19.867	ug/l	99
79) 2-Chlorotoluene	13.129	91	262691	21.337	ug/l	99
80) 1,3,5-Trimethylbenzene	13.182	105	302058	20.536	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.747	75	31452	19.774	ug/l	88
82) 4-Chlorotoluene	13.229	91	243070	19.843	ug/l	97
83) tert-Butylbenzene	13.447	119	252686	19.679	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	294082	20.330	ug/l	98
85) sec-Butylbenzene	13.623	105	330771	18.126	ug/l	100
86) p-Isopropyltoluene	13.735	119	270637	18.603	ug/l	100
87) 1,3-Dichlorobenzene	13.741	146	142914	19.350	ug/l	96
88) 1,4-Dichlorobenzene	13.818	146	140431	19.161	ug/l	99
89) n-Butylbenzene	14.065	91	201686	15.072	ug/l	97
90) Hexachloroethane	14.341	117	47159	19.732	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	142953	20.718	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	19375	18.588	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	46487	11.529	ug/l	99
94) Hexachlorobutadiene	15.506	225	24904	14.876	ug/l	96
95) Naphthalene	15.647	128	148046	10.667	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	53819	13.633	ug/l	98

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

