

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022323\
 Data File : VN076788.D
 Acq On : 23 Feb 2023 12:58
 Operator : JC\MD
 Sample : VN0223WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBSD01

Quant Time: Feb 24 01:34:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	253575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	459720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	426908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	208290	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	194448	55.533	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.060%	
35) Dibromofluoromethane	8.172	113	149428	49.634	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.260%	
50) Toluene-d8	10.566	98	580445	51.626	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.260%	
62) 4-Bromofluorobenzene	12.854	95	201784	54.187	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.380%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	49411	18.351	ug/l	96
3) Chloromethane	2.372	50	61265	17.440	ug/l	97
4) Vinyl Chloride	2.531	62	64496	18.655	ug/l	89
5) Bromomethane	2.966	94	44183	21.091	ug/l	94
6) Chloroethane	3.131	64	47250	21.625	ug/l #	88
7) Trichlorofluoromethane	3.507	101	87910	18.688	ug/l	96
8) Diethyl Ether	3.966	74	37837	20.874	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.384	101	54249	19.627	ug/l	98
10) Methyl Iodide	4.601	142	69060	20.232	ug/l	99
11) Tert butyl alcohol	5.543	59	53423	115.588	ug/l	100
12) 1,1-Dichloroethene	4.360	96	47441	18.126	ug/l	86
13) Acrolein	4.184	56	61687	88.901	ug/l	96
14) Allyl chloride	5.037	41	89601	19.757	ug/l	99
15) Acrylonitrile	5.725	53	181158	110.444	ug/l	98
16) Acetone	4.443	43	152851	97.726	ug/l	95
17) Carbon Disulfide	4.725	76	117132	16.950	ug/l #	93
18) Methyl Acetate	5.037	43	113976	22.325	ug/l	100
19) Methyl tert-butyl Ether	5.807	73	192625	21.829	ug/l	96
20) Methylene Chloride	5.284	84	64470	19.667	ug/l	96
21) trans-1,2-Dichloroethene	5.801	96	54453	18.482	ug/l	88
22) Diisopropyl ether	6.678	45	233954	21.994	ug/l	93
23) Vinyl Acetate	6.613	43	759821	120.731	ug/l	96
24) 1,1-Dichloroethane	6.578	63	117175	20.100	ug/l	97
25) 2-Butanone	7.489	43	247669	107.349	ug/l	100
26) 2,2-Dichloropropane	7.495	77	88276	20.994	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	68759	19.676	ug/l	98
28) Bromochloromethane	7.819	49	65251	23.517	ug/l	90
29) Tetrahydrofuran	7.842	42	156155	103.595	ug/l	96
30) Chloroform	7.972	83	120955	20.766	ug/l	85
31) Cyclohexane	8.260	56	104742	19.070	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	93164	19.024	ug/l	97
36) 1,1-Dichloropropene	8.378	75	81593	18.758	ug/l	97
37) Ethyl Acetate	7.566	43	100207	21.895	ug/l	97
38) Carbon Tetrachloride	8.366	117	81953	18.676	ug/l	95
39) Methylcyclohexane	9.607	83	98061	19.833	ug/l	97
40) Benzene	8.613	78	259874	19.454	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	55992	21.119	ug/l	94
42) 1,2-Dichloroethane	8.672	62	100525	21.577	ug/l	99
43) Isopropyl Acetate	8.695	43	163535	21.959	ug/l	99
44) Trichloroethene	9.354	130	58028	18.383	ug/l	91
45) 1,2-Dichloropropane	9.625	63	71542	20.232	ug/l	99
46) Dibromomethane	9.713	93	46694	20.655	ug/l	94
47) Bromodichloromethane	9.889	83	92744	20.462	ug/l #	98
48) Methyl methacrylate	9.683	41	76376	21.612	ug/l	98
49) 1,4-Dioxane	9.701	88	26829	438.886	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	531054	112.077	ug/l	96
52) Toluene	10.630	92	167518	20.771	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	93887	21.461	ug/l	96
54) cis-1,3-Dichloropropene	10.313	75	104751	20.759	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	67937	20.716	ug/l	98
56) Ethyl methacrylate	10.877	69	97960	21.222	ug/l #	88
57) 1,3-Dichloropropane	11.166	76	118767	21.080	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	209639	99.165	ug/l	95
59) 2-Hexanone	11.195	43	383487	112.247	ug/l	98
60) Dibromochloromethane	11.360	129	66448	19.225	ug/l	98
61) 1,2-Dibromoethane	11.472	107	66711	20.323	ug/l	93
64) Tetrachloroethene	11.107	164	47964	17.828	ug/l	94
65) Chlorobenzene	11.895	112	175051	19.348	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.960	131	63641	19.366	ug/l	99
67) Ethyl Benzene	11.966	91	313805	20.359	ug/l	99
68) m/p-Xylenes	12.077	106	243734	41.024	ug/l	95
69) o-Xylene	12.401	106	116947	20.183	ug/l	95
70) Styrene	12.413	104	198955	21.233	ug/l	98
71) Bromoform	12.583	173	43779	18.162	ug/l #	99
73) Isopropylbenzene	12.701	105	306249	20.060	ug/l	98
74) N-amyl acetate	12.495	43	139878	20.327	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.942	83	108350	19.606	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	89446m	21.241	ug/l	
77) Bromobenzene	12.983	156	70178	18.424	ug/l	90
78) n-propylbenzene	13.036	91	363349	20.268	ug/l	99
79) 2-Chlorotoluene	13.124	91	220649	20.102	ug/l	96
80) 1,3,5-Trimethylbenzene	13.171	105	263858	20.913	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.736	75	28159	19.476	ug/l	97
82) 4-Chlorotoluene	13.124	91	220649	20.102	ug/l	96
83) tert-Butylbenzene	13.442	119	225908	19.792	ug/l	97
84) 1,2,4-Trimethylbenzene	13.483	105	265064	21.080	ug/l	98
85) sec-Butylbenzene	13.618	105	333145	20.906	ug/l	97
86) p-Isopropyltoluene	13.730	119	270698	21.273	ug/l	98
87) 1,3-Dichlorobenzene	13.736	146	137856	19.146	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	138038	19.252	ug/l	98
89) n-Butylbenzene	14.060	91	221173	19.984	ug/l	99
90) Hexachloroethane	14.336	117	51948	19.497	ug/l	89
91) 1,2-Dichlorobenzene	14.107	146	142609	19.319	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	18413	17.198	ug/l	89
93) 1,2,4-Trichlorobenzene	15.395	180	67683	18.382	ug/l	97
94) Hexachlorobutadiene	15.501	225	31668	17.548	ug/l	96
95) Naphthalene	15.642	128	213812	19.136	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	64480	18.075	ug/l	97

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

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