

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022823\
 Data File : VN076827.D
 Acq On : 28 Feb 2023 14:58
 Operator : JC\MD
 Sample : VN0228WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBSD01

Quant Time: Mar 01 01:27:09 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	241367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	432224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	397369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	196877	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	193163	57.956	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.920%	
35) Dibromofluoromethane	8.172	113	143724	50.776	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.560%	
50) Toluene-d8	10.566	98	561091	53.079	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.160%	
62) 4-Bromofluorobenzene	12.854	95	192548	54.996	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.000%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.143	85	49891	19.467	ug/l	91
3) Chloromethane	2.378	50	58592	17.523	ug/l	97
4) Vinyl Chloride	2.531	62	60512	18.388	ug/l	91
5) Bromomethane	2.966	94	40916	20.519	ug/l	90
6) Chloroethane	3.131	64	45251	21.758	ug/l	94
7) Trichlorofluoromethane	3.513	101	87045	19.440	ug/l	98
8) Diethyl Ether	3.966	74	39119	22.673	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.378	101	54013	20.530	ug/l	98
10) Methyl Iodide	4.596	142	66546	20.482	ug/l	99
11) Tert butyl alcohol	5.525	59	51975	118.142	ug/l	99
12) 1,1-Dichloroethene	4.349	96	48064	19.292	ug/l	93
13) Acrolein	4.196	56	80983	122.613	ug/l	97
14) Allyl chloride	5.037	41	91799	21.266	ug/l	100
15) Acrylonitrile	5.731	53	178699	114.455	ug/l	99
16) Acetone	4.437	43	153156	102.874	ug/l	93
17) Carbon Disulfide	4.725	76	109865	16.702	ug/l	100
18) Methyl Acetate	5.037	43	115106	23.686	ug/l	99
19) Methyl tert-butyl Ether	5.801	73	196335	23.375	ug/l	97
20) Methylene Chloride	5.290	84	65522	20.999	ug/l #	83
21) trans-1,2-Dichloroethene	5.790	96	52334	18.661	ug/l	84
22) Diisopropyl ether	6.684	45	237892	23.496	ug/l #	90
23) Vinyl Acetate	6.613	43	744919m	124.350	ug/l	
24) 1,1-Dichloroethane	6.578	63	119013	21.448	ug/l	98
25) 2-Butanone	7.489	43	240678	109.595	ug/l	97
26) 2,2-Dichloropropane	7.495	77	87233	21.795	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	67545	20.306	ug/l	94
28) Bromochloromethane	7.819	49	59415	22.497	ug/l	88
29) Tetrahydrofuran	7.842	42	167487	116.732	ug/l	98
30) Chloroform	7.978	83	117178	21.135	ug/l	95
31) Cyclohexane	8.266	56	102787	19.660	ug/l #	94
32) 1,1,1-Trichloroethane	8.172	97	97647	20.947	ug/l	95
36) 1,1-Dichloropropene	8.378	75	81289	19.877	ug/l	98
37) Ethyl Acetate	7.566	43	97857	22.742	ug/l	99
38) Carbon Tetrachloride	8.366	117	80080	19.410	ug/l	99
39) Methylcyclohexane	9.607	83	95567	20.558	ug/l	98
40) Benzene	8.607	78	261034	20.784	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	53230	21.354	ug/l	92
42) 1,2-Dichloroethane	8.678	62	98999	22.601	ug/l	98
43) Isopropyl Acetate	8.695	43	166812	23.824	ug/l	98
44) Trichloroethene	9.354	130	60526	20.394	ug/l	98
45) 1,2-Dichloropropane	9.625	63	75332	22.659	ug/l	98
46) Dibromomethane	9.713	93	46874	22.054	ug/l	93
47) Bromodichloromethane	9.889	83	95341	22.374	ug/l #	96
48) Methyl methacrylate	9.683	41	75897	22.843	ug/l	96
49) 1,4-Dioxane	9.695	88	27462	477.820	ug/l #	81
51) 4-Methyl-2-Pentanone	10.448	43	539190	121.034	ug/l	96
52) Toluene	10.630	92	169201	22.315	ug/l	99
53) t-1,3-Dichloropropene	10.842	75	93571	22.750	ug/l	95
54) cis-1,3-Dichloropropene	10.313	75	105777	22.296	ug/l	95
55) 1,1,2-Trichloroethane	11.013	97	67851	22.006	ug/l	94
56) Ethyl methacrylate	10.878	69	101284	23.338	ug/l	92
57) 1,3-Dichloropropane	11.166	76	120731	22.792	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	209627	105.468	ug/l	95
59) 2-Hexanone	11.201	43	379099	118.021	ug/l	99
60) Dibromochloromethane	11.366	129	67477	20.765	ug/l	98
61) 1,2-Dibromoethane	11.472	107	64640	20.945	ug/l	100
64) Tetrachloroethene	11.101	164	48785	19.481	ug/l	94
65) Chlorobenzene	11.895	112	174130	20.677	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	65996	21.575	ug/l	97
67) Ethyl Benzene	11.966	91	322518	22.480	ug/l	96
68) m/p-Xylenes	12.077	106	243684	44.064	ug/l	96
69) o-Xylene	12.401	106	123619	22.920	ug/l	95
70) Styrene	12.413	104	197018	22.589	ug/l	99
71) Bromoform	12.577	173	47450	21.148	ug/l #	93
73) Isopropylbenzene	12.695	105	313891	21.752	ug/l	96
74) N-amyl acetate	12.495	43	138209	21.249	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	108954	20.859	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	81729m	20.533	ug/l	
77) Bromobenzene	12.983	156	71465	19.850	ug/l	93
78) n-propylbenzene	13.036	91	380063	22.429	ug/l	97
79) 2-Chlorotoluene	13.130	91	223489	21.541	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	269019	22.558	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.742	75	31490	23.043	ug/l	85
82) 4-Chlorotoluene	13.130	91	223489	21.541	ug/l	98
83) tert-Butylbenzene	13.442	119	233478	21.641	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	267213	22.482	ug/l	100
85) sec-Butylbenzene	13.618	105	332823	22.096	ug/l	98
86) p-Isopropyltoluene	13.730	119	265557	22.079	ug/l	97
87) 1,3-Dichlorobenzene	13.736	146	138209	20.308	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	135082	19.931	ug/l	98
89) n-Butylbenzene	14.060	91	228931	21.884	ug/l	97
90) Hexachloroethane	14.336	117	48818	19.384	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	141166	20.233	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	18586	18.366	ug/l	91
93) 1,2,4-Trichlorobenzene	15.395	180	65020	18.682	ug/l	98
94) Hexachlorobutadiene	15.507	225	29845	17.496	ug/l	93
95) Naphthalene	15.642	128	208255	19.719	ug/l	99
96) 1,2,3-Trichlorobenzene	15.836	180	68734	20.385	ug/l	97

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

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