

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022323\
 Data File : VN076787.D
 Acq On : 23 Feb 2023 12:22
 Operator : JC\MD
 Sample : VN0223WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0223WBS01

Quant Time: Feb 24 01:34:06 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	262308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	477163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	439241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	209436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	197087	54.413	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.820%	
35) Dibromofluoromethane	8.172	113	152746	48.881	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.760%	
50) Toluene-d8	10.566	98	605829	51.914	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.820%	
62) 4-Bromofluorobenzene	12.848	95	202745	52.455	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.920%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.143	85	51237	18.396	ug/l	92
3) Chloromethane	2.372	50	63671	17.521	ug/l	97
4) Vinyl Chloride	2.525	62	66221	18.516	ug/l	98
5) Bromomethane	2.966	94	46789	21.591	ug/l	95
6) Chloroethane	3.131	64	47935	21.208	ug/l	100
7) Trichlorofluoromethane	3.513	101	89567	18.406	ug/l	99
8) Diethyl Ether	3.978	74	36677	19.560	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.384	101	54729	19.141	ug/l	98
10) Methyl Iodide	4.601	142	64540	18.278	ug/l	99
11) Tert butyl alcohol	5.537	59	53255	111.388	ug/l #	82
12) 1,1-Dichloroethene	4.354	96	49818	18.400	ug/l	97
13) Acrolein	4.196	56	63533	88.513	ug/l	99
14) Allyl chloride	5.037	41	92877	19.798	ug/l	98
15) Acrylonitrile	5.725	53	176381	103.952	ug/l	100
16) Acetone	4.448	43	167058	103.253	ug/l	90
17) Carbon Disulfide	4.725	76	121834	17.043	ug/l #	94
18) Methyl Acetate	5.037	43	111128	21.042	ug/l	100
19) Methyl tert-butyl Ether	5.807	73	192113	21.046	ug/l	97
20) Methylene Chloride	5.278	84	64972	19.161	ug/l	91
21) trans-1,2-Dichloroethene	5.801	96	56211	18.443	ug/l #	89
22) Diisopropyl ether	6.684	45	229255	20.835	ug/l	95
23) Vinyl Acetate	6.613	43	767410	117.877	ug/l	98
24) 1,1-Dichloroethane	6.572	63	116644	19.343	ug/l	95
25) 2-Butanone	7.489	43	256930	107.656	ug/l	100
26) 2,2-Dichloropropane	7.495	77	87659	20.153	ug/l	98
27) cis-1,2-Dichloroethene	7.501	96	66274	18.334	ug/l	93
28) Bromochloromethane	7.813	49	65068	22.671	ug/l	89
29) Tetrahydrofuran	7.848	42	172689	110.749	ug/l	99
30) Chloroform	7.972	83	120320	19.970	ug/l	99
31) Cyclohexane	8.260	56	109767	19.319	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	100824	19.902	ug/l	94
36) 1,1-Dichloropropene	8.378	75	83383	18.469	ug/l	100
37) Ethyl Acetate	7.566	43	101775	21.425	ug/l	99
38) Carbon Tetrachloride	8.366	117	86043	18.892	ug/l	93
39) Methylcyclohexane	9.607	83	98206	19.136	ug/l	97
40) Benzene	8.613	78	269890	19.466	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	52207	18.971	ug/l	90
42) 1,2-Dichloroethane	8.672	62	99059	20.485	ug/l	98
43) Isopropyl Acetate	8.695	43	175694	22.730	ug/l	96
44) Trichloroethene	9.354	130	58874	17.969	ug/l	98
45) 1,2-Dichloropropane	9.625	63	72289	19.696	ug/l	98
46) Dibromomethane	9.719	93	45098	19.220	ug/l	94
47) Bromodichloromethane	9.889	83	91924	19.540	ug/l	99
48) Methyl methacrylate	9.683	41	77284	21.070	ug/l	97
49) 1,4-Dioxane	9.695	88	26139	411.968	ug/l	96
51) 4-Methyl-2-Pentanone	10.448	43	535383	108.861	ug/l	98
52) Toluene	10.630	92	170713	20.394	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	92795	20.436	ug/l	97
54) cis-1,3-Dichloropropene	10.313	75	102116	19.497	ug/l	89
55) 1,1,2-Trichloroethane	11.019	97	66591	19.564	ug/l	95
56) Ethyl methacrylate	10.877	69	99143	20.693	ug/l #	89
57) 1,3-Dichloropropane	11.166	76	118391	20.245	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.160	63	217688	99.208	ug/l	96
59) 2-Hexanone	11.195	43	399573	112.680	ug/l	99
60) Dibromochloromethane	11.360	129	66021	18.404	ug/l	99
61) 1,2-Dibromoethane	11.472	107	64084	18.809	ug/l	98
64) Tetrachloroethene	11.107	164	49430	17.857	ug/l	96
65) Chlorobenzene	11.895	112	175051	18.805	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.960	131	62962	18.621	ug/l	98
67) Ethyl Benzene	11.966	91	317178	20.000	ug/l	96
68) m/p-Xylenes	12.071	106	246325	40.296	ug/l	95
69) o-Xylene	12.401	106	121648	20.405	ug/l	99
70) Styrene	12.413	104	196277	20.359	ug/l	99
71) Bromoform	12.577	173	46548	18.768	ug/l #	95
73) Isopropylbenzene	12.701	105	312093	20.331	ug/l	97
74) N-amyl acetate	12.495	43	135810	19.628	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.942	83	110235	19.838	ug/l	99
76) 1,2,3-Trichloropropane	13.001	75	90556m	21.387	ug/l	
77) Bromobenzene	12.983	156	70374	18.374	ug/l	93
78) n-propylbenzene	13.036	91	375130	20.811	ug/l	98
79) 2-Chlorotoluene	13.130	91	220995	20.023	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	259941	20.489	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	32667	22.471	ug/l	93
82) 4-Chlorotoluene	13.130	91	220995	20.023	ug/l	100
83) tert-Butylbenzene	13.442	119	234682	20.448	ug/l	98
84) 1,2,4-Trimethylbenzene	13.489	105	270626	21.404	ug/l	99
85) sec-Butylbenzene	13.618	105	333000	20.782	ug/l	97
86) p-Isopropyltoluene	13.730	119	271717	21.236	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	137088	18.935	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	140065	19.427	ug/l	98
89) n-Butylbenzene	14.060	91	226211	20.327	ug/l	98
90) Hexachloroethane	14.336	117	49332	18.414	ug/l	94
91) 1,2-Dichlorobenzene	14.107	146	142354	19.179	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.724	75	18409	17.100	ug/l	95
93) 1,2,4-Trichlorobenzene	15.395	180	65128	17.591	ug/l	98
94) Hexachlorobutadiene	15.501	225	32235	17.764	ug/l	98
95) Naphthalene	15.642	128	210396	18.727	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	65268	18.196	ug/l	99

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

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