

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020824\
 Data File : VN080955.D
 Acq On : 08 Feb 2024 11:47
 Operator : JC\MD
 Sample : VN0208WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0208WBSD01

Quant Time: Feb 09 01:18:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	383211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	691336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	623785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	267454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	243352	50.339	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.680%	
35) Dibromofluoromethane	8.165	113	203980	54.986	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.980%	
50) Toluene-d8	10.570	98	707981	52.762	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.520%	
62) 4-Bromofluorobenzene	12.853	95	249383	51.160	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.320%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	77225	17.787	ug/l	100
3) Chloromethane	2.359	50	84238	17.841	ug/l	93
4) Vinyl Chloride	2.512	62	98613	17.392	ug/l #	88
5) Bromomethane	2.959	94	64973	17.812	ug/l	95
6) Chloroethane	3.118	64	70956	17.745	ug/l	95
7) Trichlorofluoromethane	3.500	101	136091	18.331	ug/l	97
8) Diethyl Ether	3.953	74	46914	17.687	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.371	101	75428	18.061	ug/l	92
10) Methyl Iodide	4.594	142	70569	17.473	ug/l #	88
11) Tert butyl alcohol	5.512	59	63627	95.526	ug/l	99
12) 1,1-Dichloroethene	4.341	96	72098	17.549	ug/l	91
13) Acrolein	4.177	56	82089	97.784	ug/l	98
14) Allyl chloride	5.024	41	96987	17.817	ug/l #	89
15) Acrylonitrile	5.718	53	169553	93.127	ug/l	97
16) Acetone	4.430	43	144786	91.034	ug/l	97
17) Carbon Disulfide	4.712	76	168319	16.243	ug/l	96
18) Methyl Acetate	5.024	43	93254	17.923	ug/l #	90
19) Methyl tert-butyl Ether	5.794	73	252630	18.460	ug/l	91
20) Methylene Chloride	5.277	84	83764	17.383	ug/l #	83
21) trans-1,2-Dichloroethene	5.788	96	80298	17.411	ug/l	84
22) Diisopropyl ether	6.671	45	241121	19.110	ug/l #	87
23) Vinyl Acetate	6.600	43	852715	102.559	ug/l #	90
24) 1,1-Dichloroethane	6.565	63	147178	17.911	ug/l	98
25) 2-Butanone	7.488	43	227161	88.985	ug/l	98
26) 2,2-Dichloropropane	7.488	77	130691	17.392	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	96402	17.989	ug/l	86
28) Bromochloromethane	7.812	49	67635	19.780	ug/l #	57
29) Tetrahydrofuran	7.841	42	146368	93.780	ug/l #	82
30) Chloroform	7.971	83	167014	18.391	ug/l	99
31) Cyclohexane	8.259	56	112345	17.004	ug/l #	76
32) 1,1,1-Trichloroethane	8.165	97	141577	17.992	ug/l #	90
36) 1,1-Dichloropropene	8.377	75	114067	20.669	ug/l	94
37) Ethyl Acetate	7.565	43	86249	20.654	ug/l #	94
38) Carbon Tetrachloride	8.365	117	118864	21.010	ug/l	97
39) Methylcyclohexane	9.600	83	107625	17.497	ug/l #	86
40) Benzene	8.606	78	349692	20.816	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	50989	20.489	ug/l	89
42) 1,2-Dichloroethane	8.671	62	124299	21.251	ug/l	97
43) Isopropyl Acetate	8.688	43	166589	21.694	ug/l #	90
44) Trichloroethene	9.353	130	89846	17.608	ug/l	99
45) 1,2-Dichloropropane	9.623	63	86502	19.085	ug/l	97
46) Dibromomethane	9.712	93	64083	19.120	ug/l #	90
47) Bromodichloromethane	9.888	83	126853	19.350	ug/l #	98
48) Methyl methacrylate	9.682	41	75055	17.348	ug/l #	84
49) 1,4-Dioxane	9.700	88	31084	389.119	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	476484	102.965	ug/l	92
52) Toluene	10.635	92	220238	19.573	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	129230	20.372	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	144353	20.273	ug/l #	84
55) 1,1,2-Trichloroethane	11.018	97	89751	20.637	ug/l	93
56) Ethyl methacrylate	10.876	69	121526	23.359	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	147505	20.905	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	313293	99.190	ug/l #	83
59) 2-Hexanone	11.200	43	349259	99.577	ug/l	93
60) Dibromochloromethane	11.359	129	92698	20.860	ug/l	98
61) 1,2-Dibromoethane	11.470	107	91625	21.120	ug/l	99
64) Tetrachloroethene	11.106	164	81809	17.375	ug/l	86
65) Chlorobenzene	11.894	112	234488	17.937	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	83572	17.715	ug/l	97
67) Ethyl Benzene	11.964	91	394585	17.522	ug/l	95
68) m/p-Xylenes	12.070	106	306456	35.819	ug/l	93
69) o-Xylene	12.400	106	148824	17.926	ug/l	95
70) Styrene	12.412	104	246688	19.799	ug/l	95
71) Bromoform	12.582	173	56427	17.859	ug/l #	94
73) Isopropylbenzene	12.700	105	361637	17.386	ug/l	95
74) N-amyl acetate	12.494	43	134005	17.873	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	121467	18.772	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	103446m	18.970	ug/l	
77) Bromobenzene	12.982	156	89458	17.045	ug/l	74
78) n-propylbenzene	13.035	91	415272	17.683	ug/l	95
79) 2-Chlorotoluene	13.129	91	264014	17.790	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	300538	17.776	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	33402	16.641	ug/l #	80
82) 4-Chlorotoluene	13.223	91	265290	17.916	ug/l	95
83) tert-Butylbenzene	13.441	119	276203	19.166	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	305028	18.114	ug/l	96
85) sec-Butylbenzene	13.617	105	349761	18.061	ug/l	93
86) p-Isopropyltoluene	13.729	119	285436	17.441	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	166764	17.842	ug/l	95
88) 1,4-Dichlorobenzene	13.811	146	169498	17.870	ug/l	96
89) n-Butylbenzene	14.058	91	243070	16.814	ug/l	98
90) Hexachloroethane	14.335	117	46777	18.127	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	158905	17.745	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.723	75	21545	17.801	ug/l	79
93) 1,2,4-Trichlorobenzene	15.394	180	76719	17.320	ug/l	99
94) Hexachlorobutadiene	15.500	225	33770	17.585	ug/l	95
95) Naphthalene	15.641	128	263529	18.018	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	76639	17.577	ug/l	98

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

