

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022422\
 Data File : VN071051.D
 Acq On : 24 Feb 2022 13:18
 Operator : JC\MD
 Sample : VN0224WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBS01

Quant Time: Feb 25 02:42:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/25/2022
 Supervised By : Mahesh Dadoda 02/25/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	585403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	926691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	849076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	342498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	360855	53.962	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.920%			
35) Dibromofluoromethane	8.016	113	281485	51.068	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.140%			
50) Toluene-d8	10.439	98	1128075	50.962	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.920%			
62) 4-Bromofluorobenzene	12.727	95	372649	47.098	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	109527	18.014	ug/l	96
3) Chloromethane	2.299	50	147052	19.241	ug/l	97
4) Vinyl Chloride	2.446	62	136644	17.861	ug/l	99
5) Bromomethane	2.851	94	80781	18.587	ug/l	100
6) Chloroethane	3.016	64	82371	16.412	ug/l	98
7) Trichlorofluoromethane	3.375	101	189829	19.800	ug/l	97
8) Diethyl Ether	3.822	74	78000	18.715	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.210	101	110899	18.853	ug/l	94
10) Methyl Iodide	4.422	142	145383	17.845	ug/l	98
11) Tert butyl alcohol	5.357	59	120971	99.263	ug/l	98
12) 1,1-Dichloroethene	4.193	96	103390	18.040	ug/l	96
13) Acrolein	4.045	56	104359	95.830	ug/l	99
14) Allyl chloride	4.840	41	209691	19.185	ug/l #	86
15) Acrylonitrile	5.545	53	394604	109.926	ug/l	98
16) Acetone	4.287	43	332950	90.408	ug/l	97
17) Carbon Disulfide	4.534	76	252019	15.334	ug/l	100
18) Methyl Acetate	4.851	43	180389	22.033	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	396585	19.727	ug/l	94
20) Methylene Chloride	5.092	84	128723	19.232	ug/l	94
21) trans-1,2-Dichloroethene	5.598	96	112479	18.285	ug/l	95
22) Diisopropyl ether	6.492	45	459318	21.911	ug/l	94
23) Vinyl Acetate	6.428	43	1866032	105.154	ug/l	100
24) 1,1-Dichloroethane	6.387	63	238306	20.279	ug/l	99
25) 2-Butanone	7.334	43	518248	105.783	ug/l	94
26) 2,2-Dichloropropane	7.328	77	185478	18.991	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	134847	19.073	ug/l	90
28) Bromochloromethane	7.651	49	111719	23.488	ug/l	86
29) Tetrahydrofuran	7.681	42	359630	113.314	ug/l	92
30) Chloroform	7.816	83	227115	19.650	ug/l	99
31) Cyclohexane	8.092	56	228491	19.757	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	195680	19.605	ug/l	98
36) 1,1-Dichloropropene	8.222	75	167392	18.536	ug/l	97
37) Ethyl Acetate	7.404	43	219450	22.659	ug/l	96
38) Carbon Tetrachloride	8.204	117	164869	18.529	ug/l	98
39) Methylcyclohexane	9.457	83	204003	17.556	ug/l	94
40) Benzene	8.457	78	523342	19.592	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	112444	22.044	ug/l	86
42) 1,2-Dichloroethane	8.528	62	184426	20.272	ug/l	98
43) Isopropyl Acetate	8.557	43	323649	21.201	ug/l	98
44) Trichloroethene	9.210	130	125541	17.848	ug/l	96
45) 1,2-Dichloropropane	9.486	63	138483	20.239	ug/l	96
46) Dibromomethane	9.575	93	86667	19.247	ug/l	98
47) Bromodichloromethane	9.757	83	175258	19.258	ug/l	100
48) Methyl methacrylate	9.557	41	152533	21.110	ug/l #	83
49) 1,4-Dioxane	9.563	88	52401	408.310	ug/l #	85
51) 4-Methyl-2-Pentanone	10.327	43	1032190	111.133	ug/l	99
52) Toluene	10.498	92	325881	19.415	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	183146	18.508	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	205167	18.879	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	128978	19.631	ug/l	95
56) Ethyl methacrylate	10.757	69	197460	19.947	ug/l #	90
57) 1,3-Dichloropropane	11.039	76	228089	20.070	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	157324	94.159	ug/l	93
59) 2-Hexanone	11.080	43	699361	109.484	ug/l	100
60) Dibromochloromethane	11.233	129	126635	18.238	ug/l	97
61) 1,2-Dibromoethane	11.339	107	124927	18.694	ug/l	98
64) Tetrachloroethene	10.974	164	118681	17.948	ug/l	95
65) Chlorobenzene	11.763	112	333132	18.208	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	125987	18.890	ug/l	98
67) Ethyl Benzene	11.839	91	590109	18.428	ug/l	99
68) m/p-Xylenes	11.945	106	451665	36.515	ug/l	97
69) o-Xylene	12.274	106	221218	18.308	ug/l	96
70) Styrene	12.292	104	348319	18.129	ug/l	97
71) Bromoform	12.451	173	94571	17.805	ug/l #	99
73) Isopropylbenzene	12.574	105	571598	20.734	ug/l	100
74) N-amyl acetate	12.386	43	183150	20.784	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	194077	22.154	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	145180m	18.003	ug/l	
77) Bromobenzene	12.857	156	134678	19.956	ug/l	85
78) n-propylbenzene	12.916	91	624709	20.169	ug/l	98
79) 2-Chlorotoluene	13.004	91	394245	20.959	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	461156	20.648	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.621	75	46800	18.806	ug/l	95
82) 4-Chlorotoluene	13.098	91	365881	20.038	ug/l	95
83) tert-Butylbenzene	13.321	119	414946	19.590	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	448538	20.401	ug/l	99
85) sec-Butylbenzene	13.498	105	550388	19.720	ug/l	99
86) p-Isopropyltoluene	13.610	119	439723	19.192	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	219859	18.403	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	213604	18.249	ug/l	97
89) n-Butylbenzene	13.939	91	305225	16.328	ug/l	97
90) Hexachloroethane	14.204	117	80666	19.714	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	216055	19.259	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	28537	20.105	ug/l	91
93) 1,2,4-Trichlorobenzene	15.257	180	82750	14.597	ug/l	99
94) Hexachlorobutadiene	15.362	225	65765	16.076	ug/l	97
95) Naphthalene	15.504	128	161443	14.481	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	77297	15.144	ug/l	99

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

