

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020122\
 Data File : VN070871.D
 Acq On : 1 Feb 2022 15:04
 Operator : JC/MD
 Sample : VN0201WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0201WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/02/2022
 Supervised By : Mahesh Dadoda 02/07/2022

Quant Time: Feb 02 00:34:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	620880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	985464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	900896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	384105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	438162	49.242	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.480%		
35) Dibromofluoromethane	8.019	113	303415	49.636	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.280%		
50) Toluene-d8	10.441	98	1275851	49.544	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.080%		
62) 4-Bromofluorobenzene	12.728	95	451950	49.251	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	119618	16.673	ug/l	98
3) Chloromethane	2.303	50	190088	18.126	ug/l	98
4) Vinyl Chloride	2.448	62	176854	17.731	ug/l	96
5) Bromomethane	2.859	94	125199	24.100	ug/l	100
6) Chloroethane	3.022	64	114585	18.409	ug/l	95
7) Trichlorofluoromethane	3.382	101	237649	20.856	ug/l	98
8) Diethyl Ether	3.824	74	83629	16.802	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.210	101	119363	17.332	ug/l	98
10) Methyl Iodide	4.422	142	157751	17.764	ug/l #	93
11) Tert butyl alcohol	5.372	59	134190	83.589	ug/l	98
12) 1,1-Dichloroethene	4.186	96	113283	16.493	ug/l	87
13) Acrolein	4.041	56	228172	99.103	ug/l	99
14) Allyl chloride	4.843	41	255772	17.090	ug/l	88
15) Acrylonitrile	5.551	53	434053	84.993	ug/l	99
16) Acetone	4.283	43	526757	85.291	ug/l	98
17) Carbon Disulfide	4.529	76	288345	15.457	ug/l	98
18) Methyl Acetate	4.854	43	205908	16.953	ug/l	94
19) Methyl tert-butyl Ether	5.616	73	471453	19.214	ug/l	94
20) Methylene Chloride	5.093	84	140365	17.254	ug/l	90
21) trans-1,2-Dichloroethene	5.594	96	119487	17.284	ug/l #	84
22) Diisopropyl ether	6.495	45	545229	18.380	ug/l	93
23) Vinyl Acetate	6.431	43	2287078	90.954	ug/l	95
24) 1,1-Dichloroethane	6.388	63	268145	18.071	ug/l	98
25) 2-Butanone	7.332	43	656272	84.446	ug/l	92
26) 2,2-Dichloropropane	7.324	77	227803	20.024	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	146832	17.880	ug/l	85
28) Bromochloromethane	7.657	49	125554	18.846	ug/l #	77
29) Tetrahydrofuran	7.683	42	405911	85.302	ug/l	89
30) Chloroform	7.818	83	270997	18.383	ug/l	99
31) Cyclohexane	8.091	56	262231	16.736	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	231862	20.132	ug/l	99
36) 1,1-Dichloropropene	8.220	75	195588	19.006	ug/l	95
37) Ethyl Acetate	7.410	43	242688	17.763	ug/l	98
38) Carbon Tetrachloride	8.204	117	193538	21.140	ug/l	99
39) Methylcyclohexane	9.456	83	234968	18.495	ug/l	91
40) Benzene	8.459	78	594040	18.630	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	119192	17.148	ug/l	90
42) 1,2-Dichloroethane	8.528	62	227152	20.545	ug/l	98
43) Isopropyl Acetate	8.558	43	396369	18.994	ug/l #	95
44) Trichloroethene	9.215	130	138974	19.225	ug/l	90
45) 1,2-Dichloropropane	9.488	63	162115	18.686	ug/l	99
46) Dibromomethane	9.574	93	100586	19.940	ug/l	92
47) Bromodichloromethane	9.759	83	204433	19.825	ug/l	99
48) Methyl methacrylate	9.555	41	185842	18.694	ug/l #	82
49) 1,4-Dioxane	9.566	88	51583	345.430	ug/l #	80
51) 4-Methyl-2-Pentanone	10.328	43	1223940	91.917	ug/l	98
52) Toluene	10.502	92	386100	20.242	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	265654	22.627	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	243985	19.729	ug/l	97
55) 1,1,2-Trichloroethane	10.896	97	173052	23.095	ug/l	97
56) Ethyl methacrylate	10.760	69	286916	21.508	ug/l	88
57) 1,3-Dichloropropane	11.041	76	307483	23.180	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	209142	74.174	ug/l	91
59) 2-Hexanone	11.082	43	1084169	112.079	ug/l	97
60) Dibromochloromethane	11.234	129	157412	22.522	ug/l	99
61) 1,2-Dibromoethane	11.344	107	157295	20.908	ug/l	98
64) Tetrachloroethene	10.974	164	153146	23.185	ug/l	94
65) Chlorobenzene	11.768	112	382258	19.584	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.838	131	139411	20.741	ug/l	99
67) Ethyl Benzene	11.843	91	719698	19.888	ug/l	94
68) m/p-Xylenes	11.950	106	521024	39.577	ug/l	89
69) o-Xylene	12.278	106	256410	19.626	ug/l	89
70) Styrene	12.291	104	420442	20.116	ug/l	94
71) Bromoform	12.455	173	106115	20.900	ug/l #	99
73) Isopropylbenzene	12.575	105	687278	18.913	ug/l	97
74) N-amyl acetate	12.385	43	261369	17.592	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	223566	18.217	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	184537m	18.114	ug/l	
77) Bromobenzene	12.857	156	155634	19.102	ug/l	77
78) n-propylbenzene	12.919	91	789193	19.420	ug/l	95
79) 2-Chlorotoluene	13.004	91	486500	18.925	ug/l	93
80) 1,3,5-Trimethylbenzene	13.055	105	580788	19.764	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.624	75	62235	18.200	ug/l	95
82) 4-Chlorotoluene	13.101	91	474104	19.739	ug/l	91
83) tert-Butylbenzene	13.321	119	490165	19.162	ug/l	92
84) 1,2,4-Trimethylbenzene	13.364	105	563234	19.940	ug/l	97
85) sec-Butylbenzene	13.498	105	684930	19.696	ug/l	97
86) p-Isopropyltoluene	13.613	119	553262	20.252	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	268461	19.808	ug/l	96
88) 1,4-Dichlorobenzene	13.691	146	261132	19.361	ug/l	96
89) n-Butylbenzene	13.940	91	443334	19.671	ug/l	97
90) Hexachloroethane	14.209	117	91869	19.238	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	259243	19.360	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.600	75	38274	18.386	ug/l	78
93) 1,2,4-Trichlorobenzene	15.260	180	121650	19.393	ug/l	96
94) Hexachlorobutadiene	15.367	225	87482	22.059	ug/l	99
95) Naphthalene	15.504	128	278189	17.533	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	112658	18.756	ug/l	96

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

