

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110221\
 Data File : VN069339.D
 Acq On : 2 Nov 2021 10:51
 Operator : JC/MD
 Sample : VN1102WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1102WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/03/2021
 Supervised By : Mahesh Dadoda 11/03/2021

Quant Time: Nov 03 00:46:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	246605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	433344	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	401738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	174023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	183043	51.419	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.840%			
35) Dibromofluoromethane	8.021	113	135575	50.188	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.380%			
50) Toluene-d8	10.440	98	551145	51.029	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.060%			
62) 4-Bromofluorobenzene	12.731	95	202114	49.590	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	53309	18.936	ug/l	99
3) Chloromethane	2.306	50	55204	18.392	ug/l	98
4) Vinyl Chloride	2.445	62	65532	18.798	ug/l	99
5) Bromomethane	2.869	94	44647	21.533	ug/l	97
6) Chloroethane	3.025	64	44600	20.755	ug/l	96
7) Trichlorofluoromethane	3.376	101	103951	23.767	ug/l	99
8) Diethyl Ether	3.824	74	32189	20.689	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.205	101	47386	20.425	ug/l	99
10) Methyl Iodide	4.417	142	48936	16.174	ug/l	97
11) Tert butyl alcohol	5.385	59	54539	87.994	ug/l	100
12) 1,1-Dichloroethene	4.181	96	44112	19.887	ug/l	98
13) Acrolein	4.044	56	12053	76.886	ug/l	98
14) Allyl chloride	4.840	41	71598	18.246	ug/l	94
15) Acrylonitrile	5.556	53	141502	94.234	ug/l	98
16) Acetone	4.291	43	165084	108.844	ug/l	97
17) Carbon Disulfide	4.527	76	98565	16.688	ug/l	99
18) Methyl Acetate	4.862	43	97780	18.971	ug/l	96
19) Methyl tert-butyl Ether	5.618	73	166777	19.110	ug/l	99
20) Methylene Chloride	5.095	84	54193	18.628	ug/l	98
21) trans-1,2-Dichloroethene	5.594	96	47608	19.008	ug/l	98
22) Diisopropyl ether	6.500	45	159441	18.006	ug/l	99
23) Vinyl Acetate	6.436	43	606175	87.922	ug/l	100
24) 1,1-Dichloroethane	6.388	63	92908	19.811	ug/l	99
25) 2-Butanone	7.340	43	207871	90.476	ug/l	96
26) 2,2-Dichloropropane	7.327	77	77453	17.375	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	57589	19.460	ug/l	99
28) Bromochloromethane	7.659	49	47005	20.005	ug/l	95
29) Tetrahydrofuran	7.686	42	126115	86.357	ug/l	97
30) Chloroform	7.820	83	99612	19.539	ug/l	95
31) Cyclohexane	8.094	56	89404	18.765	ug/l	91
32) 1,1,1-Trichloroethane	8.016	97	87400	18.082	ug/l	99
36) 1,1-Dichloropropene	8.222	75	73463	19.664	ug/l	99
37) Ethyl Acetate	7.415	43	78754	18.499	ug/l	98
38) Carbon Tetrachloride	8.206	117	72846	17.772	ug/l	96
39) Methylcyclohexane	9.459	83	89147	19.272	ug/l	99
40) Benzene	8.461	78	218478	19.443	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	37313	17.778	ug/l	93
42) 1,2-Dichloroethane	8.531	62	82772	19.574	ug/l	100
43) Isopropyl Acetate	8.563	43	127216	17.436	ug/l	99
44) Trichloroethene	9.215	130	54733	19.343	ug/l	98
45) 1,2-Dichloropropane	9.491	63	55746	19.486	ug/l	99
46) Dibromomethane	9.577	93	40077	19.717	ug/l	98
47) Bromodichloromethane	9.762	83	72643	17.427	ug/l	99
48) Methyl methacrylate	9.561	41	59746	18.594	ug/l	97
49) 1,4-Dioxane	9.571	88	23472	325.940	ug/l	95
51) 4-Methyl-2-Pentanone	10.330	43	403834	87.823	ug/l	100
52) Toluene	10.505	92	142148	19.289	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	75875	16.710	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	82945	17.216	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	57156	19.332	ug/l	97
56) Ethyl methacrylate	10.762	69	86936	17.149	ug/l	98
57) 1,3-Dichloropropane	11.046	76	94202	19.100	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	104745	84.838	ug/l	100
59) 2-Hexanone	11.087	43	299448	86.440	ug/l	99
60) Dibromochloromethane	11.237	129	51095	16.555	ug/l	99
61) 1,2-Dibromoethane	11.347	107	58032	17.733	ug/l	99
64) Tetrachloroethene	10.977	164	48892	19.053	ug/l	100
65) Chlorobenzene	11.771	112	150368	19.020	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	52485	17.422	ug/l	99
67) Ethyl Benzene	11.846	91	277976	19.300	ug/l	99
68) m/p-Xylenes	11.953	106	205453	38.295	ug/l	99
69) o-Xylene	12.280	106	101018	18.708	ug/l	98
70) Styrene	12.296	104	166254	17.904	ug/l	99
71) Bromoform	12.460	173	34550	15.949	ug/l #	99
73) Isopropylbenzene	12.580	105	266922	18.248	ug/l	100
74) N-amyl acetate	12.390	43	93129	16.161	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	86477	18.519	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	79375m	17.342	ug/l	
77) Bromobenzene	12.862	156	60720	17.695	ug/l	98
78) n-propylbenzene	12.921	91	310665	18.762	ug/l	99
79) 2-Chlorotoluene	13.007	91	187418	17.972	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	226197	18.626	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.626	75	20457	16.276	ug/l #	85
82) 4-Chlorotoluene	13.106	91	183928	17.883	ug/l	100
83) tert-Butylbenzene	13.323	119	194982	18.403	ug/l	99
84) 1,2,4-Trimethylbenzene	13.366	105	219918	18.516	ug/l	99
85) sec-Butylbenzene	13.503	105	279919	19.069	ug/l	99
86) p-Isopropyltoluene	13.616	119	221024	18.879	ug/l	99
87) 1,3-Dichlorobenzene	13.616	146	109407	18.223	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	109021	18.748	ug/l	99
89) n-Butylbenzene	13.943	91	178898	18.044	ug/l	99
90) Hexachloroethane	14.211	117	34988	16.509	ug/l	98
91) 1,2-Dichlorobenzene	13.989	146	106004	18.123	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.603	75	15240	16.877	ug/l	97
93) 1,2,4-Trichlorobenzene	15.262	180	47856	18.578	ug/l	99
94) Hexachlorobutadiene	15.370	225	28401	19.732	ug/l	99
95) Naphthalene	15.507	128	130754	17.348	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	48069	18.851	ug/l	98

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

