

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011122\
 Data File : VN070562.D
 Acq On : 11 Jan 2022 11:44
 Operator : JC/MD
 Sample : VN0111WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0111WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/12/2022
 Supervised By : Mahesh Dadoda 01/12/2022

Quant Time: Jan 12 05:57:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	955806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1530960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1417245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	598067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	679997	49.481	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.960%		
35) Dibromofluoromethane	8.019	113	518500	55.975	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	111.940%		
50) Toluene-d8	10.438	98	2099583	55.485	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	110.960%		
62) 4-Bromofluorobenzene	12.728	95	762635	55.800	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	111.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	194941	17.985	ug/l	100
3) Chloromethane	2.303	50	271245	18.396	ug/l	100
4) Vinyl Chloride	2.451	62	249305	18.571	ug/l	97
5) Bromomethane	2.866	94	150983	21.790	ug/l	100
6) Chloroethane	3.030	64	161135	19.931	ug/l	96
7) Trichlorofluoromethane	3.384	101	323818	20.041	ug/l	99
8) Diethyl Ether	3.824	74	146583	20.579	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.213	101	206227	20.867	ug/l	94
10) Methyl Iodide	4.425	142	265062	19.818	ug/l	97
11) Tert butyl alcohol	5.361	59	190031	83.047	ug/l #	82
12) 1,1-Dichloroethene	4.183	96	193358	19.863	ug/l	92
13) Acrolein	4.039	56	122007	65.714	ug/l	99
14) Allyl chloride	4.840	41	440536	19.961	ug/l	85
15) Acrylonitrile	5.554	53	689694	96.589	ug/l	99
16) Acetone	4.283	43	762270	85.445	ug/l	97
17) Carbon Disulfide	4.535	76	474949	17.874	ug/l	99
18) Methyl Acetate	4.854	43	485373	18.809	ug/l	92
19) Methyl tert-butyl Ether	5.613	73	742575	20.541	ug/l	96
20) Methylene Chloride	5.095	84	242628	19.657	ug/l	89
21) trans-1,2-Dichloroethene	5.599	96	206891	20.073	ug/l #	85
22) Diisopropyl ether	6.493	45	942708	21.930	ug/l #	89
23) Vinyl Acetate	6.431	43	3438467	103.094	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	457996	20.548	ug/l	97
25) 2-Butanone	7.332	43	1028408	91.554	ug/l	92
26) 2,2-Dichloropropane	7.324	77	342940	19.503	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	250935	20.404	ug/l	87
28) Bromochloromethane	7.657	49	254000	23.301	ug/l #	77
29) Tetrahydrofuran	7.681	42	637095	95.062	ug/l #	87
30) Chloroform	7.815	83	437086	20.326	ug/l	99
31) Cyclohexane	8.091	56	451125	20.802	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	355491	19.607	ug/l	98
36) 1,1-Dichloropropene	8.220	75	323245	21.095	ug/l	96
37) Ethyl Acetate	7.410	43	381466	19.205	ug/l	97
38) Carbon Tetrachloride	8.204	117	284772	19.462	ug/l	100
39) Methylcyclohexane	9.456	83	389583	21.000	ug/l	88
40) Benzene	8.458	78	1010377	21.507	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.632	41	209162	21.053	ug/l #	85
42) 1,2-Dichloroethane	8.525	62	343305	19.442	ug/l	100
43) Isopropyl Acetate	8.558	43	620237	19.806	ug/l	96
44) Trichloroethene	9.215	130	231853	20.771	ug/l	90
45) 1,2-Dichloropropane	9.486	63	284162	22.465	ug/l	99
46) Dibromomethane	9.574	93	161489	20.532	ug/l	94
47) Bromodichloromethane	9.759	83	322271	20.635	ug/l	99
48) Methyl methacrylate	9.555	41	276044	18.480	ug/l #	86
49) 1,4-Dioxane	9.566	88	78913	360.901	ug/l #	86
51) 4-Methyl-2-Pentanone	10.328	43	1950061	99.100	ug/l	97
52) Toluene	10.502	92	617665	21.721	ug/l	97
53) t-1,3-Dichloropropene	10.714	75	350958	20.758	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	396338	21.670	ug/l	97
55) 1,1,2-Trichloroethane	10.894	97	239942	21.326	ug/l	98
56) Ethyl methacrylate	10.757	69	387777	20.859	ug/l	88
57) 1,3-Dichloropropane	11.041	76	429326	21.574	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.038	63	382795	93.157	ug/l	90
59) 2-Hexanone	11.081	43	1406479	98.014	ug/l	95
60) Dibromochloromethane	11.234	129	227043	20.683	ug/l	100
61) 1,2-Dibromoethane	11.342	107	233324	20.424	ug/l	99
64) Tetrachloroethene	10.974	164	213594	20.812	ug/l	96
65) Chlorobenzene	11.765	112	630450	20.965	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.838	131	219146	20.414	ug/l	99
67) Ethyl Benzene	11.840	91	1187000	21.544	ug/l	96
68) m/p-Xylenes	11.950	106	877694	43.763	ug/l	94
69) o-Xylene	12.278	106	436365	21.875	ug/l	94
70) Styrene	12.291	104	696716	22.067	ug/l	97
71) Bromoform	12.455	173	156249	19.612	ug/l #	100
73) Isopropylbenzene	12.575	105	1131579	20.374	ug/l	98
74) N-amyl acetate	12.385	43	425426	18.218	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	362757	18.932	ug/l	99
76) 1,2,3-Trichloropropane	12.876	75	311051m	19.341	ug/l	
77) Bromobenzene	12.857	156	259585	20.358	ug/l	81
78) n-propylbenzene	12.916	91	1288404	20.937	ug/l	96
79) 2-Chlorotoluene	13.004	91	797362	20.195	ug/l	92
80) 1,3,5-Trimethylbenzene	13.055	105	930886	20.916	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	90648	18.518	ug/l	96
82) 4-Chlorotoluene	13.101	91	756139	20.445	ug/l	92
83) tert-Butylbenzene	13.321	119	795043	20.287	ug/l	95
84) 1,2,4-Trimethylbenzene	13.364	105	911928	21.279	ug/l	98
85) sec-Butylbenzene	13.498	105	1110709	20.875	ug/l	97
86) p-Isopropyltoluene	13.613	119	890831	21.314	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	437124	20.479	ug/l	97
88) 1,4-Dichlorobenzene	13.691	146	421927	20.039	ug/l	96
89) n-Butylbenzene	13.938	91	709119	20.341	ug/l	97
90) Hexachloroethane	14.206	117	137872	18.988	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	420737	20.106	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.600	75	51871	16.122	ug/l	80
93) 1,2,4-Trichlorobenzene	15.260	180	187371	19.004	ug/l	98
94) Hexachlorobutadiene	15.367	225	127433	22.238	ug/l	99
95) Naphthalene	15.504	128	397414	15.857	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	171526	18.713	ug/l	99

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

