

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
 Data File : VN070457.D
 Acq On : 4 Jan 2022 12:30
 Operator : JC/MD
 Sample : VN0104WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0104WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/05/2022
 Supervised By : Mahesh Dadoda 01/05/2022

Quant Time: Jan 05 03:13:50 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	8.086	168	937757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1525692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1383024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	560686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	702493	52.102	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.200%			
35) Dibromofluoromethane	8.019	113	505854	54.798	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.600%			
50) Toluene-d8	10.438	98	1997797	52.977	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.960%			
62) 4-Bromofluorobenzene	12.728	95	716142	52.579	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	198564	18.671	ug/l	99
3) Chloromethane	2.303	50	266702	18.436	ug/l	99
4) Vinyl Chloride	2.451	62	245248	18.620	ug/l	99
5) Bromomethane	2.867	94	141337	20.791	ug/l	100
6) Chloroethane	3.027	64	149079	18.795	ug/l	98
7) Trichlorofluoromethane	3.382	101	299048	18.864	ug/l	98
8) Diethyl Ether	3.827	74	141982	20.316	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.216	101	193186	19.924	ug/l	96
10) Methyl Iodide	4.422	142	253710	19.334	ug/l	98
11) Tert butyl alcohol	5.374	59	195712	87.176	ug/l #	86
12) 1,1-Dichloroethene	4.183	96	181258	18.979	ug/l	92
13) Acrolein	4.044	56	116940	64.197	ug/l	96
14) Allyl chloride	4.843	41	425553	19.653	ug/l	87
15) Acrylonitrile	5.554	53	686795	98.034	ug/l	99
16) Acetone	4.285	43	815354	93.155	ug/l	99
17) Carbon Disulfide	4.532	76	460846	17.677	ug/l	100
18) Methyl Acetate	4.854	43	492671	19.459	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	731706	20.630	ug/l	95
20) Methylene Chloride	5.095	84	236315	19.514	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	195778	19.361	ug/l	88
22) Diisopropyl ether	6.495	45	892021	21.150	ug/l #	93
23) Vinyl Acetate	6.434	43	3338342	102.019	ug/l	95
24) 1,1-Dichloroethane	6.383	63	433495	19.823	ug/l	98
25) 2-Butanone	7.335	43	1052990	95.547	ug/l	92
26) 2,2-Dichloropropane	7.324	77	315406	18.282	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	240961	19.970	ug/l	87
28) Bromochloromethane	7.657	49	197897	18.504	ug/l #	77
29) Tetrahydrofuran	7.686	42	647289	98.442	ug/l	87
30) Chloroform	7.817	83	419067	19.864	ug/l	99
31) Cyclohexane	8.094	56	422601	19.862	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	336717	18.929	ug/l	97
36) 1,1-Dichloropropene	8.220	75	303183	19.854	ug/l	96
37) Ethyl Acetate	7.410	43	386899	19.546	ug/l	96
38) Carbon Tetrachloride	8.206	117	274395	18.817	ug/l	99
39) Methylcyclohexane	9.459	83	366094	19.802	ug/l	89
40) Benzene	8.459	78	957089	20.443	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	209079	21.118	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	354677	20.155	ug/l	98
43) Isopropyl Acetate	8.558	43	621834	19.925	ug/l #	95
44) Trichloroethene	9.212	130	218469	19.639	ug/l	90
45) 1,2-Dichloropropane	9.488	63	265683	21.077	ug/l	100
46) Dibromomethane	9.574	93	157190	20.054	ug/l	95
47) Bromodichloromethane	9.759	83	314189	20.187	ug/l	100
48) Methyl methacrylate	9.558	41	285772	19.197	ug/l #	83
49) 1,4-Dioxane	9.566	88	81103	372.197	ug/l #	80
51) 4-Methyl-2-Pentanone	10.328	43	1975600	100.745	ug/l	96
52) Toluene	10.502	92	575210	20.298	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	325341	19.309	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	372274	20.425	ug/l	95
55) 1,1,2-Trichloroethane	10.896	97	228666	20.394	ug/l	97
56) Ethyl methacrylate	10.760	69	380361	20.531	ug/l	90
57) 1,3-Dichloropropane	11.041	76	412318	20.791	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	282920	73.872	ug/l	91
59) 2-Hexanone	11.084	43	1402543	98.077	ug/l	94
60) Dibromochloromethane	11.234	129	218258	19.951	ug/l	100
61) 1,2-Dibromoethane	11.342	107	227467	19.980	ug/l	100
64) Tetrachloroethene	10.974	164	196360	19.607	ug/l	96
65) Chlorobenzene	11.768	112	596522	20.328	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.838	131	208405	19.894	ug/l	99
67) Ethyl Benzene	11.843	91	1101603	20.489	ug/l	96
68) m/p-Xylenes	11.950	106	824129	42.109	ug/l	95
69) o-Xylene	12.278	106	400455	20.571	ug/l	91
70) Styrene	12.291	104	638351	20.719	ug/l	96
71) Bromoform	12.455	173	151041	19.427	ug/l #	99
73) Isopropylbenzene	12.575	105	1055140	20.265	ug/l	99
74) N-amyl acetate	12.388	43	415113	18.961	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.825	83	349252	19.451	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	291368m	19.327	ug/l	
77) Bromobenzene	12.860	156	240429	20.113	ug/l	79
78) n-propylbenzene	12.919	91	1183298	20.511	ug/l	96
79) 2-Chlorotoluene	13.004	91	738403	19.948	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	863222	20.688	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	82953	18.076	ug/l	95
82) 4-Chlorotoluene	13.104	91	697602	20.119	ug/l	92
83) tert-Butylbenzene	13.321	119	755137	20.553	ug/l	95
84) 1,2,4-Trimethylbenzene	13.367	105	842891	20.979	ug/l	98
85) sec-Butylbenzene	13.498	105	1020405	20.457	ug/l	98
86) p-Isopropyltoluene	13.613	119	808400	20.631	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	404342	20.206	ug/l	97
88) 1,4-Dichlorobenzene	13.691	146	392194	19.868	ug/l	97
89) n-Butylbenzene	13.940	91	629690	19.267	ug/l	97
90) Hexachloroethane	14.206	117	128699	18.907	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	391891	19.976	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	53555	17.755	ug/l	81
93) 1,2,4-Trichlorobenzene	15.263	180	173310	18.749	ug/l	99
94) Hexachlorobutadiene	15.367	225	110445	20.559	ug/l	99
95) Naphthalene	15.504	128	424807	17.828	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	166356	19.330	ug/l	98

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

