

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122221\
 Data File : VN070292.D
 Acq On : 22 Dec 2021 16:27
 Operator : JC/MD
 Sample : VN1222WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1222WBS02

Quant Time: Dec 22 16:49:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/23/2021
 Supervised By :Semsettin Yesilyurt 12/23/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1056539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1737710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1571769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	614555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	718683	44.056	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.120%		
35) Dibromofluoromethane	8.021	113	498915	45.837	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.680%		
50) Toluene-d8	10.440	98	1909553	43.691	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	87.380%		
62) 4-Bromofluorobenzene	12.731	95	686201	43.338	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	153956	12.493	ug/l	97
3) Chloromethane	2.303	50	200745	13.003	ug/l	97
4) Vinyl Chloride	2.445	62	189604	13.357	ug/l	100
5) Bromomethane	2.856	94	111137	14.411	ug/l	98
6) Chloroethane	3.019	64	122642	14.099	ug/l	98
7) Trichlorofluoromethane	3.373	101	258581	13.879	ug/l	96
8) Diethyl Ether	3.824	74	121046	16.869	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.202	101	166628	15.955	ug/l	96
10) Methyl Iodide	4.417	142	210555	14.758	ug/l	99
11) Tert butyl alcohol	5.385	59	246984	80.097	ug/l	100
12) 1,1-Dichloroethene	4.175	96	150896	14.994	ug/l	89
13) Acrolein	4.041	56	232681	88.609	ug/l	98
14) Allyl chloride	4.840	41	366386	16.156	ug/l #	90
15) Acrylonitrile	5.557	53	716931	86.283	ug/l	99
16) Acetone	4.291	43	844117	86.020	ug/l	97
17) Carbon Disulfide	4.527	76	294455	11.325	ug/l	100
18) Methyl Acetate	4.857	43	491959	16.609	ug/l	92
19) Methyl tert-butyl Ether	5.621	73	684394	17.490	ug/l	95
20) Methylene Chloride	5.090	84	203368	15.589	ug/l #	86
21) trans-1,2-Dichloroethene	5.597	96	161439	14.769	ug/l	88
22) Diisopropyl ether	6.501	45	802254	18.099	ug/l #	92
23) Vinyl Acetate	6.436	43	3131381	86.836	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	388464	16.919	ug/l	98
25) 2-Butanone	7.340	43	1126080	84.458	ug/l	91
26) 2,2-Dichloropropane	7.327	77	304213	17.041	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	217053	16.435	ug/l	87
28) Bromochloromethane	7.657	49	211623	17.724	ug/l #	78
29) Tetrahydrofuran	7.686	42	700952	86.579	ug/l	87
30) Chloroform	7.820	83	392704	16.935	ug/l	99
31) Cyclohexane	8.094	56	339317	14.947	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	322830	16.344	ug/l	96
36) 1,1-Dichloropropene	8.222	75	257182	15.547	ug/l	96
37) Ethyl Acetate	7.415	43	416702	16.924	ug/l	95
38) Carbon Tetrachloride	8.206	117	249570	15.385	ug/l	99
39) Methylcyclohexane	9.459	83	287283	14.600	ug/l	89
40) Benzene	8.461	78	827982	16.375	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	211718	18.318	ug/l	89
42) 1,2-Dichloroethane	8.531	62	339900	16.652	ug/l	97
43) Isopropyl Acetate	8.563	43	641754	17.613	ug/l #	93
44) Trichloroethene	9.215	130	190561	15.790	ug/l	94
45) 1,2-Dichloropropane	9.491	63	235851	17.370	ug/l	97
46) Dibromomethane	9.577	93	147340	16.546	ug/l	93
47) Bromodichloromethane	9.762	83	291079	17.264	ug/l	98
48) Methyl methacrylate	9.561	41	294300	17.308	ug/l	86
49) 1,4-Dioxane	9.571	88	99655	326.634	ug/l	87
51) 4-Methyl-2-Pentanone	10.330	43	2164194	91.561	ug/l	96
52) Toluene	10.505	92	506713	16.414	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	304399	16.964	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	333323	17.032	ug/l	93
55) 1,1,2-Trichloroethane	10.899	97	217133	17.433	ug/l	98
56) Ethyl methacrylate	10.760	69	361355	16.954	ug/l	90
57) 1,3-Dichloropropane	11.044	76	383869	17.503	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	481953	88.743	ug/l	90
59) 2-Hexanone	11.087	43	1576158	88.150	ug/l	93
60) Dibromochloromethane	11.237	129	200494	16.686	ug/l	98
61) 1,2-Dibromoethane	11.347	107	211291	16.378	ug/l	100
64) Tetrachloroethene	10.977	164	172700	16.204	ug/l	95
65) Chlorobenzene	11.771	112	539771	16.928	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	199461	17.772	ug/l	99
67) Ethyl Benzene	11.846	91	988884	17.073	ug/l	95
68) m/p-Xylenes	11.953	106	715562	33.930	ug/l	93
69) o-Xylene	12.280	106	360827	16.986	ug/l	92
70) Styrene	12.294	104	573730	17.032	ug/l	95
71) Bromoform	12.457	173	145165	17.028	ug/l #	100
73) Isopropylbenzene	12.578	105	954884	17.464	ug/l	98
74) N-amyl acetate	12.388	43	413634	17.106	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	350249	18.524	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	317125m	17.994	ug/l	
77) Bromobenzene	12.862	156	218315	16.999	ug/l	75
78) n-propylbenzene	12.921	91	1034898	17.009	ug/l	96
79) 2-Chlorotoluene	13.007	91	665798	17.318	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	767277	17.434	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	84957	18.556	ug/l	92
82) 4-Chlorotoluene	13.104	91	619250	17.127	ug/l	92
83) tert-Butylbenzene	13.324	119	681057	17.477	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	751985	17.942	ug/l	97
85) sec-Butylbenzene	13.501	105	911694	17.248	ug/l	96
86) p-Isopropyltoluene	13.616	119	715196	17.310	ug/l	95
87) 1,3-Dichlorobenzene	13.616	146	351633	16.666	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	341271	16.459	ug/l	96
89) n-Butylbenzene	13.943	91	544567	16.248	ug/l	98
90) Hexachloroethane	14.211	117	119245	16.439	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	354082	17.224	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	59901	17.532	ug/l	77
93) 1,2,4-Trichlorobenzene	15.263	180	152543	17.136	ug/l	99
94) Hexachlorobutadiene	15.370	225	99568	18.275	ug/l	98
95) Naphthalene	15.507	128	426099	17.042	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	156249	17.562	ug/l	98

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

