

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070345.D
 Acq On : 29 Dec 2021 13:42
 Operator : JC/MD
 Sample : VN1229WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/30/2021
 Supervised By :Mahesh Dadoda 12/30/2021

Quant Time: Dec 30 01:49:44 2021
 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	1003367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1608865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1486753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	591952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	714607	49.534	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.060%		
35) Dibromofluoromethane	8.021	113	512358	52.634	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.260%		
50) Toluene-d8	10.440	98	2007012	50.470	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.940%		
62) 4-Bromofluorobenzene	12.731	95	704998	49.085	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	211811	18.615	ug/l	99
3) Chloromethane	2.303	50	274739	17.750	ug/l	99
4) Vinyl Chloride	2.446	62	248738	17.650	ug/l	98
5) Bromomethane	2.859	94	139003	19.110	ug/l	99
6) Chloroethane	3.019	64	150799	17.769	ug/l	99
7) Trichlorofluoromethane	3.376	101	297134	17.517	ug/l	100
8) Diethyl Ether	3.824	74	138783	18.560	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.208	101	197300	19.017	ug/l	94
10) Methyl Iodide	4.419	142	253351	18.045	ug/l	100
11) Tert butyl alcohol	5.385	59	236577	98.488	ug/l	99
12) 1,1-Dichloroethene	4.181	96	184082	18.014	ug/l	93
13) Acrolein	4.041	56	197532	101.349	ug/l	100
14) Allyl chloride	4.838	41	432969	18.688	ug/l	86
15) Acrylonitrile	5.559	53	770800	102.831	ug/l	99
16) Acetone	4.291	43	878702	93.828	ug/l	98
17) Carbon Disulfide	4.527	76	542944	19.465	ug/l	97
18) Methyl Acetate	4.859	43	536848	19.817	ug/l	92
19) Methyl tert-butyl Ether	5.616	73	713841	18.810	ug/l	97
20) Methylene Chloride	5.095	84	244679	18.884	ug/l	88
21) trans-1,2-Dichloroethene	5.599	96	200776	18.557	ug/l	87
22) Diisopropyl ether	6.498	45	871990	19.323	ug/l #	94
23) Vinyl Acetate	6.436	43	3450541	98.552	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	433422	18.523	ug/l	98
25) 2-Butanone	7.337	43	1163779	98.694	ug/l	92
26) 2,2-Dichloropropane	7.327	77	332866	18.033	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	238149	18.447	ug/l	86
28) Bromochloromethane	7.659	49	194997	17.040	ug/l #	76
29) Tetrahydrofuran	7.689	42	733190	104.215	ug/l	87
30) Chloroform	7.817	83	420712	18.638	ug/l	98
31) Cyclohexane	8.094	56	424224	18.635	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	355171	18.661	ug/l	96
36) 1,1-Dichloropropene	8.222	75	304446	18.906	ug/l	96
37) Ethyl Acetate	7.415	43	441192	21.137	ug/l	95
38) Carbon Tetrachloride	8.206	117	305269	19.852	ug/l	99
39) Methylcyclohexane	9.462	83	363905	18.666	ug/l #	86
40) Benzene	8.458	78	950368	19.250	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	220930	21.161	ug/l #	87
42) 1,2-Dichloroethane	8.531	62	361903	19.503	ug/l	97
43) Isopropyl Acetate	8.563	43	661009	20.086	ug/l #	95
44) Trichloroethene	9.215	130	222722	18.986	ug/l	91
45) 1,2-Dichloropropane	9.491	63	264876	19.927	ug/l	98
46) Dibromomethane	9.577	93	165885	20.069	ug/l	94
47) Bromodichloromethane	9.762	83	343921	20.955	ug/l	99
48) Methyl methacrylate	9.561	41	304955	19.427	ug/l #	84
49) 1,4-Dioxane	9.572	88	100247	436.270	ug/l #	85
51) 4-Methyl-2-Pentanone	10.331	43	2194775	106.136	ug/l	96
52) Toluene	10.505	92	583449	19.525	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	358046	20.152	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	387893	20.182	ug/l	95
55) 1,1,2-Trichloroethane	10.899	97	235223	19.895	ug/l	97
56) Ethyl methacrylate	10.760	69	385325	19.724	ug/l	90
57) 1,3-Dichloropropane	11.044	76	412772	19.738	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	392608	91.363	ug/l	90
59) 2-Hexanone	11.087	43	1586872	105.230	ug/l	94
60) Dibromochloromethane	11.237	129	251392	21.792	ug/l	99
61) 1,2-Dibromoethane	11.347	107	239943	19.987	ug/l	98
64) Tetrachloroethene	10.977	164	200596	18.632	ug/l	94
65) Chlorobenzene	11.771	112	598053	18.958	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	224373	19.924	ug/l	99
67) Ethyl Benzene	11.846	91	1102278	19.071	ug/l	97
68) m/p-Xylenes	11.953	106	807164	38.365	ug/l	92
69) o-Xylene	12.280	106	394427	18.848	ug/l	90
70) Styrene	12.294	104	648706	19.586	ug/l	96
71) Bromoform	12.457	173	193661	23.171	ug/l #	100
73) Isopropylbenzene	12.578	105	1033783	18.806	ug/l	98
74) N-amyl acetate	12.388	43	436337	18.878	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	372881	19.674	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	337731m	20.952	ug/l	
77) Bromobenzene	12.860	156	241582	19.142	ug/l	77
78) n-propylbenzene	12.921	91	1159680	19.040	ug/l	96
79) 2-Chlorotoluene	13.007	91	725228	18.558	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	852983	19.363	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	104172	21.501	ug/l	99
82) 4-Chlorotoluene	13.106	91	686351	18.749	ug/l	92
83) tert-Butylbenzene	13.324	119	708784	18.273	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	826728	19.490	ug/l	97
85) sec-Butylbenzene	13.501	105	998837	18.967	ug/l	97
86) p-Isopropyltoluene	13.616	119	784606	18.966	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	396936	18.788	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	384007	18.426	ug/l	96
89) n-Butylbenzene	13.943	91	618531	17.926	ug/l	97
90) Hexachloroethane	14.209	117	160468	22.329	ug/l	90
91) 1,2-Dichlorobenzene	13.989	146	390982	18.877	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	68961	21.655	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	177880	18.227	ug/l	98
94) Hexachlorobutadiene	15.370	225	114444	20.178	ug/l	99
95) Naphthalene	15.507	128	472047	18.670	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	176998	19.474	ug/l	98

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

