

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070367.D
 Acq On : 30 Dec 2021 00:21
 Operator : JC/MD
 Sample : VN1229WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1229WBS02

Quant Time: Dec 30 03:12:05 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	877064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1461776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1337465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	512107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	689515	54.678	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.360%			
35) Dibromofluoromethane	8.021	113	502041	56.763	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 113.520%			
50) Toluene-d8	10.443	98	1977280	54.726	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.460%			
62) 4-Bromofluorobenzene	12.731	95	660981	50.651	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.300%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	206352	20.746	ug/l	99
3) Chloromethane	2.306	50	280413	20.725	ug/l	100
4) Vinyl Chloride	2.448	62	250859	20.364	ug/l	100
5) Bromomethane	2.861	94	135769	21.354	ug/l	97
6) Chloroethane	3.025	64	149512	20.154	ug/l	95
7) Trichlorofluoromethane	3.379	101	294703	19.876	ug/l	98
8) Diethyl Ether	3.824	74	132906	20.334	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.208	101	185854	20.494	ug/l	97
10) Methyl Iodide	4.422	142	246762	20.106	ug/l	99
11) Tert butyl alcohol	5.382	59	215189	102.485	ug/l	94
12) 1,1-Dichloroethene	4.181	96	181272	20.294	ug/l	92
13) Acrolein	4.041	56	177425	104.142	ug/l	100
14) Allyl chloride	4.843	41	425804	21.025	ug/l #	86
15) Acrylonitrile	5.559	53	742504	113.321	ug/l	100
16) Acetone	4.291	43	654313	79.929	ug/l	99
17) Carbon Disulfide	4.527	76	530343	21.751	ug/l	97
18) Methyl Acetate	4.859	43	513792	21.697	ug/l	91
19) Methyl tert-butyl Ether	5.621	73	684758	20.642	ug/l	94
20) Methylene Chloride	5.098	84	236295	20.863	ug/l	87
21) trans-1,2-Dichloroethene	5.600	96	199217	21.064	ug/l	85
22) Diisopropyl ether	6.501	45	851148	21.578	ug/l #	93
23) Vinyl Acetate	6.436	43	3271515	106.895	ug/l #	93
24) 1,1-Dichloroethane	6.388	63	431393	21.092	ug/l	98
25) 2-Butanone	7.340	43	1035759	100.487	ug/l	91
26) 2,2-Dichloropropane	7.327	77	275796	17.093	ug/l	98
27) cis-1,2-Dichloroethene	7.329	96	235139	20.836	ug/l	88
28) Bromochloromethane	7.659	49	191305	19.125	ug/l #	76
29) Tetrahydrofuran	7.689	42	703672	114.423	ug/l #	86
30) Chloroform	7.820	83	417416	21.154	ug/l	99
31) Cyclohexane	8.096	56	413999	20.804	ug/l	88
32) 1,1,1-Trichloroethane	8.016	97	351301	21.115	ug/l	95
36) 1,1-Dichloropropene	8.222	75	298259	20.385	ug/l	97
37) Ethyl Acetate	7.415	43	407807	21.503	ug/l	96
38) Carbon Tetrachloride	8.206	117	298896	21.394	ug/l	100
39) Methylcyclohexane	9.462	83	337235	19.039	ug/l	89
40) Benzene	8.461	78	946042	21.091	ug/l	98

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41) Methacrylonitrile	7.638	41	221224	23.321	ug/l #	86
42) 1,2-Dichloroethane	8.534	62	346490	20.551	ug/l	98
43) Isopropyl Acetate	8.563	43	631324	21.114	ug/l #	95
44) Trichloroethene	9.217	130	214015	20.080	ug/l	89
45) 1,2-Dichloropropane	9.491	63	258971	21.443	ug/l	99
46) Dibromomethane	9.577	93	159799	21.279	ug/l	94
47) Bromodichloromethane	9.762	83	337138	22.609	ug/l	99
48) Methyl methacrylate	9.561	41	294392	20.641	ug/l #	82
49) 1,4-Dioxane	9.569	88	88823	425.449	ug/l #	85
51) 4-Methyl-2-Pentanone	10.331	43	2121110	112.895	ug/l	95
52) Toluene	10.505	92	567238	20.892	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	330084	20.447	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	360834	20.663	ug/l	93
55) 1,1,2-Trichloroethane	10.899	97	227225	21.152	ug/l	98
56) Ethyl methacrylate	10.762	69	367467	20.702	ug/l	91
57) 1,3-Dichloropropane	11.044	76	398082	20.951	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	343684	88.702	ug/l	90
59) 2-Hexanone	11.087	43	1458283	106.433	ug/l	93
60) Dibromochloromethane	11.237	129	242373	23.124	ug/l	100
61) 1,2-Dibromoethane	11.347	107	229848	21.072	ug/l	100
64) Tetrachloroethene	10.977	164	198261	20.471	ug/l	95
65) Chlorobenzene	11.771	112	583252	20.553	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	219662	21.682	ug/l	99
67) Ethyl Benzene	11.846	91	1062545	20.435	ug/l	96
68) m/p-Xylenes	11.953	106	775582	40.979	ug/l	92
69) o-Xylene	12.280	106	380548	20.215	ug/l	91
70) Styrene	12.294	104	619199	20.782	ug/l	96
71) Bromoform	12.460	173	186201	24.765	ug/l #	99
73) Isopropylbenzene	12.581	105	981791	20.645	ug/l	98
74) N-amyl acetate	12.390	43	402043	20.106	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	357875	21.874	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	285727m	20.550	ug/l	
77) Bromobenzene	12.862	156	231299	21.185	ug/l	79
78) n-propylbenzene	12.921	91	1086683	20.623	ug/l	96
79) 2-Chlorotoluene	13.007	91	691369	20.449	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	804842	21.119	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	91991	21.947	ug/l	98
82) 4-Chlorotoluene	13.106	91	644854	20.362	ug/l	93
83) tert-Butylbenzene	13.324	119	684891	20.410	ug/l	95
84) 1,2,4-Trimethylbenzene	13.367	105	774119	21.095	ug/l	98
85) sec-Butylbenzene	13.503	105	929126	20.394	ug/l	97
86) p-Isopropyltoluene	13.616	119	708672	19.802	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	365070	19.974	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	349088	19.362	ug/l	95
89) n-Butylbenzene	13.943	91	539913	18.087	ug/l	97
90) Hexachloroethane	14.211	117	152022	24.452	ug/l	92
91) 1,2-Dichlorobenzene	13.989	146	362205	20.215	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	63371	23.003	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	151475	17.942	ug/l	99
94) Hexachlorobutadiene	15.370	225	99517	20.282	ug/l	98
95) Naphthalene	15.507	128	389440	17.888	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	152844	19.440	ug/l	98

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

