

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
 Data File : VN069979.D
 Acq On : 11 Dec 2021 1:19
 Operator : JC/MD
 Sample : VN1210WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBS02

Quant Time: Dec 11 05:28:34 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 : John Carlone 12/11/2021
 Supervised By : Amit Patel 12/14/2021

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	988447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1650659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1494762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	610570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	772606	50.624	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.240%			
35) Dibromofluoromethane	8.024	113	542092	52.430	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.860%			
50) Toluene-d8	10.440	98	2048760	49.349	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.700%			
62) 4-Bromofluorobenzene	12.731	95	700855	46.598	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	207199	17.972	ug/l	99
3) Chloromethane	2.306	50	250438	17.339	ug/l	100
4) Vinyl Chloride	2.448	62	236757	17.827	ug/l	97
5) Bromomethane	2.861	94	132318	18.339	ug/l	98
6) Chloroethane	3.022	64	142727	17.538	ug/l	97
7) Trichlorofluoromethane	3.379	101	314643	18.051	ug/l	96
8) Diethyl Ether	3.827	74	124411	18.532	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.213	101	184223	18.855	ug/l	95
10) Methyl Iodide	4.422	142	225303	16.879	ug/l	98
11) Tert butyl alcohol	5.379	59	233639	80.989	ug/l	99
12) 1,1-Dichloroethene	4.181	96	172841	18.357	ug/l	87
13) Acrolein	4.044	56	215761	87.826	ug/l	99
14) Allyl chloride	4.843	41	398207	18.769	ug/l #	93
15) Acrylonitrile	5.559	53	697882	89.776	ug/l	100
16) Acetone	4.291	43	659420	71.828	ug/l	97
17) Carbon Disulfide	4.529	76	475626	19.553	ug/l	97
18) Methyl Acetate	4.856	43	502739	18.142	ug/l #	90
19) Methyl tert-butyl Ether	5.618	73	676330	18.474	ug/l	96
20) Methylene Chloride	5.093	84	218793	17.927	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	183970	17.989	ug/l	87
22) Diisopropyl ether	6.501	45	807733	19.478	ug/l #	92
23) Vinyl Acetate	6.436	43	3260143	96.634	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	417870	19.453	ug/l	98
25) 2-Butanone	7.337	43	1008275	80.832	ug/l	91
26) 2,2-Dichloropropane	7.327	77	278826	16.694	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	222169	17.981	ug/l	85
28) Bromochloromethane	7.659	49	224794	20.124	ug/l #	75
29) Tetrahydrofuran	7.689	42	675609	89.197	ug/l	87
30) Chloroform	7.820	83	414507	19.107	ug/l	100
31) Cyclohexane	8.096	56	393321	18.519	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	355737	19.250	ug/l	94
36) 1,1-Dichloropropene	8.222	75	292348	18.605	ug/l	95
37) Ethyl Acetate	7.415	43	399776	17.093	ug/l	94
38) Carbon Tetrachloride	8.206	117	306068	19.863	ug/l	98
39) Methylcyclohexane	9.461	83	324880	17.381	ug/l	90
40) Benzene	8.461	78	888747	18.504	ug/l	99

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41) Methacrylonitrile	7.638	41	204038	18.584	ug/l	89
42) 1,2-Dichloroethane	8.531	62	360012	18.568	ug/l	96
43) Isopropyl Acetate	8.563	43	633554	18.305	ug/l #	93
44) Trichloroethene	9.217	130	206339	17.999	ug/l	91
45) 1,2-Dichloropropane	9.491	63	246104	19.081	ug/l	98
46) Dibromomethane	9.577	93	160644	18.991	ug/l	93
47) Bromodichloromethane	9.762	83	334522	20.887	ug/l	99
48) Methyl methacrylate	9.561	41	292574	18.114	ug/l	85
49) 1,4-Dioxane	9.571	88	90376	311.842	ug/l #	81
51) 4-Methyl-2-Pentanone	10.330	43	2057897	91.655	ug/l	94
52) Toluene	10.505	92	540444	18.430	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	323522	18.648	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	349626	18.599	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	222484	18.804	ug/l	95
56) Ethyl methacrylate	10.762	69	356146	17.505	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	391842	18.809	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	337047	70.185	ug/l	89
59) 2-Hexanone	11.087	43	1431197	84.264	ug/l	92
60) Dibromochloromethane	11.237	129	236700	20.161	ug/l	99
61) 1,2-Dibromoethane	11.347	107	224206	18.296	ug/l	100
64) Tetrachloroethene	10.979	164	182659	18.022	ug/l	97
65) Chlorobenzene	11.771	112	562968	18.565	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	217643	20.392	ug/l	99
67) Ethyl Benzene	11.846	91	1031552	18.727	ug/l	95
68) m/p-Xylenes	11.953	106	750962	37.443	ug/l	91
69) o-Xylene	12.280	106	374135	18.520	ug/l	92
70) Styrene	12.296	104	601546	18.778	ug/l	95
71) Bromoform	12.457	173	177317	21.094	ug/l #	99
73) Isopropylbenzene	12.578	105	975737	17.962	ug/l	98
74) N-amyl acetate	12.387	43	423001	17.607	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.827	83	350756	18.672	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	301401m	17.213	ug/l	
77) Bromobenzene	12.862	156	228615	17.917	ug/l	78
78) n-propylbenzene	12.921	91	1097904	18.162	ug/l	96
79) 2-Chlorotoluene	13.007	91	689471	18.051	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	794438	18.169	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	89744	19.473	ug/l	92
82) 4-Chlorotoluene	13.106	91	651536	18.138	ug/l	92
83) tert-Butylbenzene	13.323	119	697937	18.027	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	766329	18.403	ug/l	98
85) sec-Butylbenzene	13.503	105	940157	17.903	ug/l	97
86) p-Isopropyltoluene	13.616	119	736439	17.940	ug/l	95
87) 1,3-Dichlorobenzene	13.616	146	376931	17.981	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	367007	17.816	ug/l	96
89) n-Butylbenzene	13.943	91	568150	17.062	ug/l	97
90) Hexachloroethane	14.211	117	156604	21.730	ug/l	86
91) 1,2-Dichlorobenzene	13.989	146	369145	18.073	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	65502	19.297	ug/l	76
93) 1,2,4-Trichlorobenzene	15.265	180	152245	17.201	ug/l	98
94) Hexachlorobutadiene	15.373	225	99749	18.428	ug/l	100
95) Naphthalene	15.507	128	384980	15.859	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	152676	17.312	ug/l	98

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

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