

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
 Data File : VN070260.D
 Acq On : 21 Dec 2021 11:58
 Operator : JC/MD
 Sample : VN1221WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/22/2021
 Supervised By : Semsettin Yesilyurt 12/23/2021

Quant Time: Dec 21 15:23:55 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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	937367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1504919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1364166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	573108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	732804	50.633	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.260%			
35) Dibromofluoromethane	8.019	113	505107	53.584	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.160%			
50) Toluene-d8	10.440	98	1965340	51.924	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.840%			
62) 4-Bromofluorobenzene	12.728	95	722876	52.717	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	182024	16.649	ug/l	98
3) Chloromethane	2.303	50	223997	16.354	ug/l	98
4) Vinyl Chloride	2.448	62	212270	16.854	ug/l	98
5) Bromomethane	2.864	94	127233	18.595	ug/l	98
6) Chloroethane	3.025	64	134936	17.484	ug/l	98
7) Trichlorofluoromethane	3.381	101	301150	18.219	ug/l	100
8) Diethyl Ether	3.824	74	134452	21.119	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.213	101	194838	21.028	ug/l	95
10) Methyl Iodide	4.422	142	230910	18.242	ug/l	98
11) Tert butyl alcohol	5.371	59	223065	81.537	ug/l #	87
12) 1,1-Dichloroethene	4.183	96	171794	19.240	ug/l	90
13) Acrolein	4.041	56	222334	95.434	ug/l	97
14) Allyl chloride	4.843	41	397291	19.746	ug/l	93
15) Acrylonitrile	5.554	53	680359	92.292	ug/l	99
16) Acetone	4.285	43	804078	92.358	ug/l	97
17) Carbon Disulfide	4.532	76	352231	15.270	ug/l	99
18) Methyl Acetate	4.856	43	477508	18.171	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	751165	21.636	ug/l	97
20) Methylene Chloride	5.095	84	226371	19.559	ug/l	87
21) trans-1,2-Dichloroethene	5.599	96	182596	18.828	ug/l	85
22) Diisopropyl ether	6.495	45	872377	22.184	ug/l	95
23) Vinyl Acetate	6.433	43	3300134	103.150	ug/l	95
24) 1,1-Dichloroethane	6.385	63	424417	20.834	ug/l	98
25) 2-Butanone	7.335	43	1065939	90.111	ug/l	92
26) 2,2-Dichloropropane	7.324	77	344722	21.765	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	238775	20.378	ug/l	86
28) Bromochloromethane	7.659	49	192820	18.202	ug/l #	79
29) Tetrahydrofuran	7.686	42	647211	90.104	ug/l	89
30) Chloroform	7.817	83	434818	21.135	ug/l	98
31) Cyclohexane	8.094	56	382113	18.972	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	358060	20.432	ug/l	97
36) 1,1-Dichloropropene	8.220	75	292435	20.412	ug/l	96
37) Ethyl Acetate	7.412	43	396602	18.600	ug/l	95
38) Carbon Tetrachloride	8.206	117	283940	20.211	ug/l	99
39) Methylcyclohexane	9.459	83	336671	19.757	ug/l #	87
40) Benzene	8.461	78	919092	20.989	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	204425	20.423	ug/l	90
42) 1,2-Dichloroethane	8.528	62	372359	21.064	ug/l	96
43) Isopropyl Acetate	8.560	43	639530	20.267	ug/l #	95
44) Trichloroethene	9.215	130	213160	20.395	ug/l	96
45) 1,2-Dichloropropane	9.488	63	256919	21.848	ug/l	99
46) Dibromomethane	9.577	93	157071	20.367	ug/l	94
47) Bromodichloromethane	9.759	83	317063	21.714	ug/l	98
48) Methyl methacrylate	9.558	41	293369	19.922	ug/l	89
49) 1,4-Dioxane	9.566	88	88836	336.214	ug/l #	83
51) 4-Methyl-2-Pentanone	10.330	43	2059102	100.590	ug/l	95
52) Toluene	10.505	92	565706	21.160	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	333876	20.740	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	367525	21.139	ug/l	90
55) 1,1,2-Trichloroethane	10.896	97	229999	21.322	ug/l	98
56) Ethyl methacrylate	10.759	69	380007	20.099	ug/l #	89
57) 1,3-Dichloropropane	11.044	76	410602	21.618	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	454863	95.060	ug/l	92
59) 2-Hexanone	11.084	43	1465517	94.640	ug/l	93
60) Dibromochloromethane	11.237	129	219504	20.466	ug/l	100
61) 1,2-Dibromoethane	11.344	107	225927	20.221	ug/l	100
64) Tetrachloroethene	10.977	164	203501	22.000	ug/l	94
65) Chlorobenzene	11.768	112	598265	21.618	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	215348	22.108	ug/l	100
67) Ethyl Benzene	11.843	91	1114984	22.180	ug/l	96
68) m/p-Xylenes	11.953	106	807955	44.141	ug/l	92
69) o-Xylene	12.280	106	404803	21.956	ug/l	92
70) Styrene	12.294	104	645180	22.068	ug/l	95
71) Bromoform	12.457	173	150820	19.845	ug/l #	99
73) Isopropylbenzene	12.578	105	1080316	21.187	ug/l	99
74) N-amyl acetate	12.387	43	422862	18.752	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.825	83	353942	20.073	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	318396m	19.373	ug/l	
77) Bromobenzene	12.859	156	245879	20.529	ug/l	78
78) n-propylbenzene	12.918	91	1200369	21.155	ug/l	96
79) 2-Chlorotoluene	13.007	91	759458	21.182	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	878884	21.415	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	84534	19.527	ug/l	89
82) 4-Chlorotoluene	13.104	91	715431	21.218	ug/l	93
83) tert-Butylbenzene	13.321	119	766704	21.098	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	848763	21.715	ug/l	98
85) sec-Butylbenzene	13.500	105	1048061	21.262	ug/l	98
86) p-Isopropyltoluene	13.613	119	840219	21.807	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	410701	20.873	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	400469	20.711	ug/l	96
89) n-Butylbenzene	13.943	91	666834	21.335	ug/l	97
90) Hexachloroethane	14.209	117	129771	19.183	ug/l	89
91) 1,2-Dichlorobenzene	13.989	146	405107	21.131	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	59115	18.553	ug/l	77
93) 1,2,4-Trichlorobenzene	15.263	180	177001	20.619	ug/l	99
94) Hexachlorobutadiene	15.370	225	114557	22.547	ug/l	98
95) Naphthalene	15.507	128	441211	18.483	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	168422	19.919	ug/l	98

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

