

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN072999.D
 Acq On : 22 Jun 2022 03:16
 Operator : JC\MD
 Sample : VN0621WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBS02

Quant Time: Jun 22 07:03:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/22/2022
 Supervised By : Mahesh Dadoda 06/23/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	251774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	445710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	386765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	171809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	185849	54.598	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.200%			
35) Dibromofluoromethane	7.951	113	143316	52.022	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.040%			
50) Toluene-d8	10.375	98	528782	51.583	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.160%			
62) 4-Bromofluorobenzene	12.669	95	187101	50.758	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.520%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.052	85	49068	20.469	ug/l	99
3) Chloromethane	2.269	50	47405	18.756	ug/l	98
4) Vinyl Chloride	2.410	62	45660	21.239	ug/l	98
5) Bromomethane	2.810	94	19452	22.985	ug/l	86
6) Chloroethane	2.969	64	30088	22.371	ug/l	94
7) Trichlorofluoromethane	3.322	101	82368	23.528	ug/l	100
8) Diethyl Ether	3.769	74	37275	20.631	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.146	101	47516	19.635	ug/l	98
10) Methyl Iodide	4.363	142	34140	12.308	ug/l	92
11) Tert butyl alcohol	5.293	59	84161	95.716	ug/l	100
12) 1,1-Dichloroethene	4.122	96	46626	19.343	ug/l	98
13) Acrolein	3.987	56	32037	92.513	ug/l	93
14) Allyl chloride	4.769	41	100483	19.511	ug/l #	92
15) Acrylonitrile	5.481	53	215352	106.246	ug/l	98
16) Acetone	4.228	43	195366	104.412	ug/l	94
17) Carbon Disulfide	4.463	76	100111	16.209	ug/l	98
18) Methyl Acetate	4.781	43	103540	20.780	ug/l	90
19) Methyl tert-butyl Ether	5.540	73	193715	21.398	ug/l	98
20) Methylene Chloride	5.022	84	61427	21.025	ug/l #	83
21) trans-1,2-Dichloroethene	5.522	96	51938	19.808	ug/l	85
22) Diisopropyl ether	6.416	45	210051	21.878	ug/l	96
23) Vinyl Acetate	6.351	43	946100	106.749	ug/l	94
24) 1,1-Dichloroethane	6.310	63	107733	21.403	ug/l	98
25) 2-Butanone	7.263	43	308869	104.025	ug/l #	88
26) 2,2-Dichloropropane	7.251	77	59575	13.840	ug/l	100
27) cis-1,2-Dichloroethene	7.251	96	64575	20.613	ug/l	99
28) Bromochloromethane	7.587	49	44660	21.453	ug/l	86
29) Tetrahydrofuran	7.616	42	206449	105.293	ug/l	88
30) Chloroform	7.751	83	108444	21.282	ug/l	95
31) Cyclohexane	8.028	56	90798	19.720	ug/l	95
32) 1,1,1-Trichloroethane	7.939	97	95132	21.274	ug/l	98
36) 1,1-Dichloropropene	8.151	75	73019	19.588	ug/l	98
37) Ethyl Acetate	7.340	43	124220	20.834	ug/l	95
38) Carbon Tetrachloride	8.134	117	75557	19.270	ug/l	98
39) Methylcyclohexane	9.392	83	80534	17.924	ug/l	89
40) Benzene	8.386	78	234426	20.010	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	62452	22.088	ug/l #	81
42) 1,2-Dichloroethane	8.463	62	89201	21.437	ug/l	100
43) Isopropyl Acetate	8.492	43	178369	20.928	ug/l	93
44) Trichloroethene	9.145	130	57685	19.430	ug/l	96
45) 1,2-Dichloropropane	9.422	63	62756	20.957	ug/l	99
46) Dibromomethane	9.510	93	42475	20.977	ug/l	94
47) Bromodichloromethane	9.698	83	83108	20.653	ug/l	97
48) Methyl methacrylate	9.492	41	77424	19.896	ug/l	89
49) 1,4-Dioxane	9.504	88	31267	357.104	ug/l #	94
51) 4-Methyl-2-Pentanone	10.269	43	590710	106.282	ug/l	91
52) Toluene	10.439	92	145538	20.235	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	82232	19.002	ug/l	98
54) cis-1,3-Dichloropropene	10.122	75	89325	18.896	ug/l #	88
55) 1,1,2-Trichloroethane	10.833	97	62291	19.724	ug/l	95
56) Ethyl methacrylate	10.698	69	102112	20.173	ug/l #	84
57) 1,3-Dichloropropane	10.980	76	105660	20.166	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.981	63	214090	95.799	ug/l	95
59) 2-Hexanone	11.022	43	444539	103.411	ug/l	91
60) Dibromochloromethane	11.175	129	63076	21.133	ug/l	99
61) 1,2-Dibromoethane	11.280	107	63917	20.530	ug/l	99
64) Tetrachloroethene	10.910	164	47259	20.086	ug/l	93
65) Chlorobenzene	11.704	112	151299	20.031	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.775	131	59050	20.540	ug/l	99
67) Ethyl Benzene	11.780	91	275473	20.718	ug/l	100
68) m/p-Xylenes	11.892	106	209346	40.142	ug/l	98
69) o-Xylene	12.216	106	106867	20.507	ug/l	97
70) Styrene	12.233	104	169050	20.200	ug/l	99
71) Bromoform	12.392	173	43572	20.101	ug/l #	99
73) Isopropylbenzene	12.516	105	272255	20.483	ug/l	99
74) N-amyl acetate	12.327	43	140587	20.382	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.763	83	101413	21.186	ug/l	99
76) 1,2,3-Trichloropropane	12.816	75	88140m	21.160	ug/l	
77) Bromobenzene	12.798	156	63652	19.990	ug/l	90
78) n-propylbenzene	12.857	91	297245	20.331	ug/l	98
79) 2-Chlorotoluene	12.945	91	190282	20.099	ug/l	98
80) 1,3,5-Trimethylbenzene	12.992	105	221360	20.275	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	26752	17.344	ug/l	90
82) 4-Chlorotoluene	13.039	91	181461	20.258	ug/l	96
83) tert-Butylbenzene	13.257	119	205819	20.584	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	218857	20.126	ug/l	100
85) sec-Butylbenzene	13.439	105	270961	20.314	ug/l	99
86) p-Isopropyltoluene	13.551	119	216440	20.042	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	114425	20.128	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	111957	19.458	ug/l	96
89) n-Butylbenzene	13.880	91	164535	18.659	ug/l	99
90) Hexachloroethane	14.145	117	42855	21.050	ug/l	89
91) 1,2-Dichlorobenzene	13.921	146	121795	20.544	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.533	75	22885	18.907	ug/l	95
93) 1,2,4-Trichlorobenzene	15.192	180	58067	17.698	ug/l	98
94) Hexachlorobutadiene	15.292	225	25365	17.766	ug/l	98
95) Naphthalene	15.433	128	235011	17.706	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	61395	17.524	ug/l	97

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

