

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061722\
 Data File : VN072918.D
 Acq On : 17 Jun 2022 19:32
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN061722

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/20/2022
 Supervised By :Mahesh Dadoda 06/20/2022

Quant Time: Jun 18 06:23:44 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

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	304747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	531709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	470062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	215079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	214181	51.984	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.960%			
35) Dibromofluoromethane	7.951	113	171015	52.036	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.080%			
50) Toluene-d8	10.374	98	647535	52.951	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.900%			
62) 4-Bromofluorobenzene	12.668	95	233071	53.003	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	152395	52.522	ug/l	98
3) Chloromethane	2.263	50	158171	50.704	ug/l	99
4) Vinyl Chloride	2.404	62	133021	51.120	ug/l	99
5) Bromomethane	2.787	94	60363	58.929	ug/l	94
6) Chloroethane	2.951	64	81511	50.070	ug/l	94
7) Trichlorofluoromethane	3.310	101	193891	45.756	ug/l	95
8) Diethyl Ether	3.763	74	110304	50.438	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.140	101	142130	48.523	ug/l	99
10) Methyl Iodide	4.351	142	176219	52.487	ug/l	98
11) Tert butyl alcohol	5.304	59	278735	261.901	ug/l	99
12) 1,1-Dichloroethene	4.110	96	146239	50.121	ug/l	100
13) Acrolein	3.981	56	107297	255.982	ug/l	97
14) Allyl chloride	4.763	41	310421	49.797	ug/l #	92
15) Acrylonitrile	5.475	53	638793	260.372	ug/l	100
16) Acetone	4.228	43	575539	254.124	ug/l	94
17) Carbon Disulfide	4.457	76	374816	50.138	ug/l	100
18) Methyl Acetate	4.781	43	291180	48.281	ug/l	93
19) Methyl tert-butyl Ether	5.539	73	569370	51.960	ug/l	99
20) Methylene Chloride	5.010	84	176276	50.180	ug/l	94
21) trans-1,2-Dichloroethene	5.516	96	155090	48.866	ug/l	95
22) Diisopropyl ether	6.416	45	602555	51.850	ug/l	97
23) Vinyl Acetate	6.351	43	2834694	264.244	ug/l	94
24) 1,1-Dichloroethane	6.310	63	310418	50.950	ug/l	99
25) 2-Butanone	7.263	43	933845	259.843	ug/l	91
26) 2,2-Dichloropropane	7.245	77	234487	46.322	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	190084	50.130	ug/l	98
28) Bromochloromethane	7.586	49	134814	53.504	ug/l	88
29) Tetrahydrofuran	7.616	42	624760	263.251	ug/l	88
30) Chloroform	7.745	83	311149	50.447	ug/l	99
31) Cyclohexane	8.022	56	262706	47.137	ug/l	95
32) 1,1,1-Trichloroethane	7.945	97	278258	51.410	ug/l	99
36) 1,1-Dichloropropene	8.151	75	220800	49.652	ug/l	99
37) Ethyl Acetate	7.339	43	359497	50.541	ug/l	95
38) Carbon Tetrachloride	8.133	117	232876	49.786	ug/l	96
39) Methylcyclohexane	9.392	83	263642	49.186	ug/l	97
40) Benzene	8.386	78	701057	50.163	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	169679	50.305	ug/l	90
42) 1,2-Dichloroethane	8.463	62	255225	51.416	ug/l	99
43) Isopropyl Acetate	8.492	43	526872	51.819	ug/l	95
44) Trichloroethene	9.145	130	173411	48.963	ug/l	92
45) 1,2-Dichloropropane	9.422	63	180679	50.577	ug/l	98
46) Dibromomethane	9.510	93	123537	51.144	ug/l	96
47) Bromodichloromethane	9.698	83	250410	52.163	ug/l	99
48) Methyl methacrylate	9.492	41	236540	50.954	ug/l	91
49) 1,4-Dioxane	9.504	88	105982	1014.656	ug/l #	93
51) 4-Methyl-2-Pentanone	10.269	43	1734080	261.537	ug/l	92
52) Toluene	10.439	92	438094	51.058	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	272968	52.873	ug/l	100
54) cis-1,3-Dichloropropene	10.127	75	291991	51.779	ug/l	95
55) 1,1,2-Trichloroethane	10.833	97	182195	48.360	ug/l	99
56) Ethyl methacrylate	10.698	69	322031	53.329	ug/l	88
57) 1,3-Dichloropropane	10.980	76	311844	49.892	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	723396	271.342	ug/l	97
59) 2-Hexanone	11.021	43	1367218	266.608	ug/l	91
60) Dibromochloromethane	11.174	129	193626	54.381	ug/l	100
61) 1,2-Dibromoethane	11.280	107	196149	52.812	ug/l	99
64) Tetrachloroethene	10.910	164	140346	49.079	ug/l	98
65) Chlorobenzene	11.704	112	463696	50.511	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	178514	51.091	ug/l	98
67) Ethyl Benzene	11.780	91	843009	52.166	ug/l	99
68) m/p-Xylenes	11.886	106	645225	101.798	ug/l	97
69) o-Xylene	12.216	106	324216	51.191	ug/l	98
70) Styrene	12.227	104	532610	52.366	ug/l	99
71) Bromoform	12.392	173	144169	54.723	ug/l #	99
73) Isopropylbenzene	12.515	105	830198	49.894	ug/l	100
74) N-amyl acetate	12.327	43	442990	51.304	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	294194	49.095	ug/l	100
76) 1,2,3-Trichloropropane	12.815	75	232212m	44.531	ug/l	
77) Bromobenzene	12.798	156	197616	49.576	ug/l	90
78) n-propylbenzene	12.857	91	951207	51.973	ug/l	99
79) 2-Chlorotoluene	12.945	91	587156	49.542	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	699886	51.208	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.563	75	98930	51.236	ug/l	97
82) 4-Chlorotoluene	13.039	91	569208	50.762	ug/l	98
83) tert-Butylbenzene	13.257	119	632543	50.533	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	691011	50.761	ug/l	98
85) sec-Butylbenzene	13.439	105	857523	51.355	ug/l	99
86) p-Isopropyltoluene	13.551	119	699097	51.712	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	352241	49.496	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	349188	48.479	ug/l	98
89) n-Butylbenzene	13.880	91	585303	53.021	ug/l	99
90) Hexachloroethane	14.145	117	132993	52.182	ug/l	90
91) 1,2-Dichlorobenzene	13.921	146	363493	48.977	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	77000	50.957	ug/l	94
93) 1,2,4-Trichlorobenzene	15.192	180	211222	51.426	ug/l	99
94) Hexachlorobutadiene	15.298	225	88709	49.632	ug/l	99
95) Naphthalene	15.433	128	838224	50.449	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	221845	50.581	ug/l	97

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

