

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061722\
 Data File : VN072917.D
 Acq On : 17 Jun 2022 18:18
 Operator : JC\MD
 Sample : VSTDICC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC075

Manual Integrations
 APPROVED

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

Quant Time: Jun 18 05:46:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 05:42:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	305356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	534893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	483774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	224337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	317505	60.388	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.780%			
35) Dibromofluoromethane	7.951	113	250824	55.781	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.560%			
50) Toluene-d8	10.375	98	946685	53.814	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.620%			
62) 4-Bromofluorobenzene	12.669	95	357713	59.107	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 118.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	234647	58.675	ug/l	97
3) Chloromethane	2.263	50	234785	51.646	ug/l	98
4) Vinyl Chloride	2.405	62	206308	58.356	ug/l	100
5) Bromomethane	2.775	94	42791	31.779	ug/l	96
6) Chloroethane	2.946	64	117924	56.160	ug/l	98
7) Trichlorofluoromethane	3.304	101	298511	45.752	ug/l	99
8) Diethyl Ether	3.763	74	166741	58.819	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.128	101	223027	58.157	ug/l	100
10) Methyl Iodide	4.346	142	271558	58.768	ug/l	97
11) Tert butyl alcohol	5.304	59	424853	307.100	ug/l	99
12) 1,1-Dichloroethene	4.104	96	221193	54.859	ug/l	98
13) Acrolein	3.975	56	160788	351.404	ug/l	99
14) Allyl chloride	4.757	41	470591	57.487	ug/l #	93
15) Acrylonitrile	5.481	53	956304	315.041	ug/l	99
16) Acetone	4.222	43	845624	311.096	ug/l	96
17) Carbon Disulfide	4.451	76	568282	52.574	ug/l	98
18) Methyl Acetate	4.775	43	439023	56.565	ug/l	91
19) Methyl tert-butyl Ether	5.534	73	864141	58.667	ug/l	99
20) Methylene Chloride	5.010	84	265156	55.070	ug/l	95
21) trans-1,2-Dichloroethene	5.510	96	233481	54.657	ug/l	95
22) Diisopropyl ether	6.416	45	908302	59.930	ug/l	97
23) Vinyl Acetate	6.351	43	4232212	307.495	ug/l	95
24) 1,1-Dichloroethane	6.304	63	463148	58.469	ug/l	99
25) 2-Butanone	7.263	43	1403647	323.588	ug/l	91
26) 2,2-Dichloropropane	7.251	77	389676	54.348	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	286670	55.422	ug/l	97
28) Bromochloromethane	7.587	49	192256	56.311	ug/l	89
29) Tetrahydrofuran	7.610	42	925400	322.653	ug/l	89
30) Chloroform	7.745	83	469603	57.332	ug/l	99
31) Cyclohexane	8.022	56	405809	57.243	ug/l	93
32) 1,1,1-Trichloroethane	7.939	97	419793	58.270	ug/l	98
36) 1,1-Dichloropropene	8.151	75	334945	53.561	ug/l	99
37) Ethyl Acetate	7.340	43	532067	58.804	ug/l	96
38) Carbon Tetrachloride	8.134	117	357119	53.251	ug/l	98
39) Methylcyclohexane	9.392	83	415422	53.584	ug/l	96
40) Benzene	8.392	78	1057551	53.129	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	260628	55.407	ug/l #	88
42) 1,2-Dichloroethane	8.463	62	379688	52.970	ug/l	100
43) Isopropyl Acetate	8.492	43	795967	56.410	ug/l	94
44) Trichloroethene	9.145	130	266049	50.243	ug/l	96
45) 1,2-Dichloropropane	9.422	63	274827	54.637	ug/l	100
46) Dibromomethane	9.510	93	186220	53.570	ug/l	96
47) Bromodichloromethane	9.698	83	381785	54.307	ug/l	99
48) Methyl methacrylate	9.492	41	358644	55.800	ug/l	91
49) 1,4-Dioxane	9.504	88	165097	1209.061	ug/l #	93
51) 4-Methyl-2-Pentanone	10.269	43	2607259	284.985	ug/l	91
52) Toluene	10.439	92	663310	51.718	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	426635	53.390	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	448648	54.038	ug/l	94
55) 1,1,2-Trichloroethane	10.833	97	273166	52.587	ug/l	98
56) Ethyl methacrylate	10.698	69	485301	55.224	ug/l	91
57) 1,3-Dichloropropane	10.980	76	470314	53.187	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.975	63	1109337	347.168	ug/l	97
59) 2-Hexanone	11.022	43	2061291	303.788	ug/l	90
60) Dibromochloromethane	11.175	129	295202	53.375	ug/l	100
61) 1,2-Dibromoethane	11.280	107	291603	51.930	ug/l	99
64) Tetrachloroethene	10.910	164	215361	49.248	ug/l	96
65) Chlorobenzene	11.704	112	701872	57.687	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	270005	57.460	ug/l	98
67) Ethyl Benzene	11.780	91	1272695	59.107	ug/l	100
68) m/p-Xylenes	11.886	106	975795	117.813	ug/l	96
69) o-Xylene	12.216	106	497255	58.550	ug/l	99
70) Styrene	12.233	104	821674	62.479	ug/l	99
71) Bromoform	12.392	173	226526	60.219	ug/l	99
73) Isopropylbenzene	12.516	105	1276541	61.009	ug/l	100
74) N-amyl acetate	12.327	43	677029	74.329	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	449453	65.267	ug/l	100
76) 1,2,3-Trichloropropane	12.816	75	406574m	63.373	ug/l	
77) Bromobenzene	12.798	156	306064	62.561	ug/l	90
78) n-propylbenzene	12.857	91	1480051	67.728	ug/l	99
79) 2-Chlorotoluene	12.939	91	901934	63.616	ug/l	98
80) 1,3,5-Trimethylbenzene	12.992	105	1071505	63.667	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	161430	70.454	ug/l	99
82) 4-Chlorotoluene	13.039	91	891513	67.699	ug/l	98
83) tert-Butylbenzene	13.257	119	981857	64.919	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	1071975	66.216	ug/l	97
85) sec-Butylbenzene	13.433	105	1334944	68.282	ug/l	99
86) p-Isopropyltoluene	13.551	119	1099923	69.537	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	553509	68.854	ug/l	100
88) 1,4-Dichlorobenzene	13.627	146	560148	68.845	ug/l	100
89) n-Butylbenzene	13.874	91	947820	77.459	ug/l	99
90) Hexachloroethane	14.145	117	208951	61.904	ug/l	91
91) 1,2-Dichlorobenzene	13.921	146	563957	69.018	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	118732	69.509	ug/l	95
93) 1,2,4-Trichlorobenzene	15.192	180	328995	79.589	ug/l	98
94) Hexachlorobutadiene	15.298	225	142663	70.158	ug/l	97
95) Naphthalene	15.427	128	1278027	88.236	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	337479	81.997	ug/l	98

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

