

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061722\
 Data File : VN072914.D
 Acq On : 17 Jun 2022 15:51
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 18 05:45:05 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	315955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	538907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	493617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	234960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	433655	79.713	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 159.420%#			
35) Dibromofluoromethane	7.951	113	343130	75.741	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 151.480%#			
50) Toluene-d8	10.374	98	1310419	73.935	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 147.880%#			
62) 4-Bromofluorobenzene	12.668	95	496142	81.370	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 162.740%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	309464	74.788	ug/l	100
3) Chloromethane	2.263	50	327863	69.702	ug/l	99
4) Vinyl Chloride	2.404	62	279790	76.487	ug/l	99
5) Bromomethane	2.775	94	47415	34.032	ug/l	94
6) Chloroethane	2.934	64	162688	74.879	ug/l	97
7) Trichlorofluoromethane	3.298	101	405466	60.060	ug/l	100
8) Diethyl Ether	3.763	74	224914	76.678	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.128	101	290823	73.291	ug/l	99
10) Methyl Iodide	4.340	142	392012	81.989	ug/l	97
11) Tert butyl alcohol	5.298	59	588793	411.325	ug/l	99
12) 1,1-Dichloroethene	4.098	96	307005	73.587	ug/l	97
13) Acrolein	3.981	56	222512	469.989	ug/l	97
14) Allyl chloride	4.751	41	652493	77.033	ug/l #	92
15) Acrylonitrile	5.475	53	1309853	417.038	ug/l	100
16) Acetone	4.222	43	1177718	418.736	ug/l	96
17) Carbon Disulfide	4.445	76	795171	71.096	ug/l	100
18) Methyl Acetate	4.775	43	602582	75.034	ug/l	92
19) Methyl tert-butyl Ether	5.534	73	1168618	76.677	ug/l	100
20) Methylene Chloride	5.010	84	362055	72.672	ug/l	93
21) trans-1,2-Dichloroethene	5.510	96	318760	72.117	ug/l	98
22) Diisopropyl ether	6.416	45	1241081	79.140	ug/l	96
23) Vinyl Acetate	6.351	43	5787999	406.424	ug/l	95
24) 1,1-Dichloroethane	6.304	63	637089	77.730	ug/l	99
25) 2-Butanone	7.263	43	1915265	426.721	ug/l	92
26) 2,2-Dichloropropane	7.245	77	515968	69.548	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	389039	72.690	ug/l	97
28) Bromochloromethane	7.580	49	267210	75.639	ug/l	88
29) Tetrahydrofuran	7.610	42	1261779	425.178	ug/l	89
30) Chloroform	7.745	83	643224	75.895	ug/l	99
31) Cyclohexane	8.022	56	535264	72.971	ug/l	90
32) 1,1,1-Trichloroethane	7.939	97	580329	77.851	ug/l	98
36) 1,1-Dichloropropene	8.145	75	461287	73.215	ug/l	99
37) Ethyl Acetate	7.339	43	706072	77.453	ug/l	97
38) Carbon Tetrachloride	8.133	117	484906	71.768	ug/l	99
39) Methylcyclohexane	9.392	83	544539	69.716	ug/l	97
40) Benzene	8.386	78	1439093	71.759	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	356794	75.286	ug/l #	88
42) 1,2-Dichloroethane	8.463	62	512721	70.996	ug/l	100
43) Isopropyl Acetate	8.492	43	1082609	76.152	ug/l	95
44) Trichloroethene	9.145	130	364673	68.355	ug/l	97
45) 1,2-Dichloropropane	9.422	63	369798	72.970	ug/l	99
46) Dibromomethane	9.510	93	253268	72.315	ug/l	95
47) Bromodichloromethane	9.698	83	518945	73.268	ug/l	99
48) Methyl methacrylate	9.492	41	495641	76.541	ug/l	91
49) 1,4-Dioxane	9.504	88	227829	1656.042	ug/l #	94
51) 4-Methyl-2-Pentanone	10.269	43	3511919	381.009	ug/l	92
52) Toluene	10.439	92	911362	70.529	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	582350	72.334	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	613916	73.393	ug/l	94
55) 1,1,2-Trichloroethane	10.833	97	373072	71.285	ug/l	99
56) Ethyl methacrylate	10.698	69	659848	74.527	ug/l	88
57) 1,3-Dichloropropane	10.980	76	644044	72.292	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.974	63	1520262	472.223	ug/l	97
59) 2-Hexanone	11.021	43	2774753	405.891	ug/l	91
60) Dibromochloromethane	11.174	129	401278	72.013	ug/l	100
61) 1,2-Dibromoethane	11.280	107	399618	70.635	ug/l	99
64) Tetrachloroethene	10.910	164	298179	66.827	ug/l	97
65) Chlorobenzene	11.704	112	965491	77.772	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.774	131	366083	76.353	ug/l	99
67) Ethyl Benzene	11.780	91	1759803	80.100	ug/l	100
68) m/p-Xylenes	11.886	106	1335789	158.062	ug/l	96
69) o-Xylene	12.215	106	677260	78.154	ug/l	99
70) Styrene	12.227	104	1129341	84.161	ug/l	99
71) Bromoform	12.392	173	314561	81.954	ug/l #	99
73) Isopropylbenzene	12.515	105	1752104	79.952	ug/l	99
74) N-amyl acetate	12.327	43	913961	95.804	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.763	83	611235	84.747	ug/l	100
76) 1,2,3-Trichloropropane	12.815	75	480994m	71.583	ug/l	
77) Bromobenzene	12.792	156	419900	81.950	ug/l	90
78) n-propylbenzene	12.857	91	2037194	89.008	ug/l	98
79) 2-Chlorotoluene	12.945	91	1250635	84.223	ug/l	97
80) 1,3,5-Trimethylbenzene	12.992	105	1477284	83.809	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	223337	93.065	ug/l	99
82) 4-Chlorotoluene	13.039	91	1225174	88.831	ug/l	98
83) tert-Butylbenzene	13.257	119	1332206	84.101	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	1464828	86.392	ug/l	97
85) sec-Butylbenzene	13.433	105	1832599	89.498	ug/l	99
86) p-Isopropyltoluene	13.551	119	1508443	91.051	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	752294	89.351	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	764200	89.677	ug/l	98
89) n-Butylbenzene	13.880	91	1315555	102.651	ug/l	99
90) Hexachloroethane	14.145	117	285431	80.739	ug/l	90
91) 1,2-Dichlorobenzene	13.921	146	774576	90.508	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.533	75	164564	91.985	ug/l	95
93) 1,2,4-Trichlorobenzene	15.192	180	460873	106.452	ug/l	98
94) Hexachlorobutadiene	15.298	225	191189	89.771	ug/l	99
95) Naphthalene	15.427	128	1760858	116.075	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	467308	108.408	ug/l	99

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

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