

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080122\
 Data File : VN073652.D
 Acq On : 01 Aug 2022 11:26
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 02 04:57:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/02/2022
 Supervised By : Mahesh Dadoda 08/02/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	359891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	560974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	534210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	273288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	217236	49.531	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.060%		
35) Dibromofluoromethane	7.951	113	187053	53.101	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.200%		
50) Toluene-d8	10.380	98	761893	54.964	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	109.920%		
62) 4-Bromofluorobenzene	12.668	95	251704	53.602	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	158356	45.365	ug/l	96
3) Chloromethane	2.269	50	219084	52.337	ug/l	98
4) Vinyl Chloride	2.404	62	275350	45.102	ug/l	95
5) Bromomethane	2.787	94	170679	48.205	ug/l	97
6) Chloroethane	2.957	64	193757	54.610	ug/l	99
7) Trichlorofluoromethane	3.316	101	289374	45.992	ug/l	100
8) Diethyl Ether	3.763	74	110313	46.693	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.140	101	174050	49.999	ug/l	99
10) Methyl Iodide	4.351	142	202153	57.123	ug/l	98
11) Tert butyl alcohol	5.281	59	206884	218.723	ug/l	100
12) 1,1-Dichloroethene	4.110	96	163110	47.769	ug/l	99
13) Acrolein	3.975	56	270648	288.620	ug/l	99
14) Allyl chloride	4.757	41	252651	46.281	ug/l	96
15) Acrylonitrile	5.469	53	634800	242.618	ug/l	99
16) Acetone	4.216	43	506958	215.207	ug/l	97
17) Carbon Disulfide	4.451	76	425521	47.000	ug/l	100
18) Methyl Acetate	4.769	43	272631	46.519	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	600524	51.481	ug/l	97
20) Methylene Chloride	5.010	84	204732	53.895	ug/l	99
21) trans-1,2-Dichloroethene	5.510	96	186364	50.420	ug/l	96
22) Diisopropyl ether	6.410	45	590542	50.141	ug/l	99
23) Vinyl Acetate	6.345	43	2572730	260.542	ug/l	99
24) 1,1-Dichloroethane	6.298	63	346269	47.790	ug/l	98
25) 2-Butanone	7.257	43	875301	239.263	ug/l	100
26) 2,2-Dichloropropane	7.245	77	269863	48.409	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	229043	50.294	ug/l	94
28) Bromochloromethane	7.580	49	158240	52.013	ug/l	100
29) Tetrahydrofuran	7.604	42	566240	244.811	ug/l	97
30) Chloroform	7.745	83	375387	49.726	ug/l	99
31) Cyclohexane	8.022	56	307352	47.071	ug/l	99
32) 1,1,1-Trichloroethane	7.939	97	309232	49.333	ug/l	98
36) 1,1-Dichloropropene	8.151	75	273622	54.501	ug/l	99
37) Ethyl Acetate	7.333	43	334827	50.641	ug/l	97
38) Carbon Tetrachloride	8.133	117	275003	53.932	ug/l	100
39) Methylcyclohexane	9.392	83	340591	56.771	ug/l	98
40) Benzene	8.386	78	856599	52.542	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	148446	49.616	ug/l	97
42) 1,2-Dichloroethane	8.463	62	280928	51.129	ug/l	98
43) Isopropyl Acetate	8.492	43	472043	52.857	ug/l	99
44) Trichloroethene	9.145	130	219021	52.977	ug/l	99
45) 1,2-Dichloropropane	9.427	63	212809	52.223	ug/l	99
46) Dibromomethane	9.510	93	149872	52.991	ug/l	99
47) Bromodichloromethane	9.698	83	291313	53.667	ug/l	100
48) Methyl methacrylate	9.498	41	211436	54.088	ug/l	92
49) 1,4-Dioxane	9.504	88	111467	1011.559	ug/l	94
51) 4-Methyl-2-Pentanone	10.269	43	1724717	269.264	ug/l	100
52) Toluene	10.445	92	555531	55.787	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	304742	56.828	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	333952	55.263	ug/l	100
55) 1,1,2-Trichloroethane	10.839	97	227467	54.777	ug/l	98
56) Ethyl methacrylate	10.704	69	346566	60.554	ug/l	98
57) 1,3-Dichloropropane	10.986	76	381732	54.182	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	767164	253.171	ug/l	99
59) 2-Hexanone	11.027	43	1329224	273.902	ug/l	100
60) Dibromochloromethane	11.174	129	238923	57.835	ug/l	99
61) 1,2-Dibromoethane	11.286	107	236184	55.224	ug/l	100
64) Tetrachloroethene	10.916	164	223197	52.572	ug/l	96
65) Chlorobenzene	11.710	112	603742	53.207	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	219554	53.945	ug/l	99
67) Ethyl Benzene	11.786	91	1072350	56.018	ug/l	99
68) m/p-Xylenes	11.892	106	844677	115.691	ug/l	99
69) o-Xylene	12.221	106	418064	58.732	ug/l	98
70) Styrene	12.233	104	698100	61.266	ug/l	98
71) Bromoform	12.398	173	192764	57.381	ug/l #	99
73) Isopropylbenzene	12.521	105	1077918	53.881	ug/l	100
74) N-amyl acetate	12.327	43	394413	52.181	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	359530	46.572	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	259749m	52.013	ug/l	
77) Bromobenzene	12.798	156	268954	51.625	ug/l	97
78) n-propylbenzene	12.863	91	1261482	56.041	ug/l	100
79) 2-Chlorotoluene	12.945	91	734800	52.302	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	907597	55.129	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.568	75	110028	52.175	ug/l	99
82) 4-Chlorotoluene	13.045	91	704065	52.877	ug/l	96
83) tert-Butylbenzene	13.262	119	790578	54.215	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	909102	56.158	ug/l	100
85) sec-Butylbenzene	13.439	105	1136531	56.391	ug/l	99
86) p-Isopropyltoluene	13.557	119	960358	60.445	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	494822	52.035	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	491030	51.608	ug/l	98
89) n-Butylbenzene	13.880	91	763138	59.032	ug/l	99
90) Hexachloroethane	14.151	117	164308	52.123	ug/l	96
91) 1,2-Dichlorobenzene	13.927	146	498581	51.740	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	77209	49.778	ug/l	93
93) 1,2,4-Trichlorobenzene	15.198	180	279067	58.317	ug/l	98
94) Hexachlorobutadiene	15.304	225	138604	53.278	ug/l	98
95) Naphthalene	15.433	128	906575	58.381	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	284261	56.441	ug/l	99

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

