

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040822\
 Data File : VN071925.D
 Acq On : 08 Apr 2022 19:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 09 05:07:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/11/2022
 Supervised By : Mahesh Dadoda 04/11/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	522887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	827128	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	774126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	310672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	306702	51.379	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.760%			
35) Dibromofluoromethane	8.016	113	266786	54.813	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.620%			
50) Toluene-d8	10.439	98	1070697	53.776	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.560%			
62) 4-Bromofluorobenzene	12.727	95	369537	57.387	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 114.780%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	182286	43.850	ug/l	96
3) Chloromethane	2.299	50	216662	41.131	ug/l	99
4) Vinyl Chloride	2.440	62	242214	41.871	ug/l	98
5) Bromomethane	2.834	94	149698	39.809	ug/l	100
6) Chloroethane	3.004	64	203185	48.825	ug/l	99
7) Trichlorofluoromethane	3.369	101	346737	47.112	ug/l	99
8) Diethyl Ether	3.822	74	167424	53.828	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.216	101	224345	49.465	ug/l	97
10) Methyl Iodide	4.422	142	281776	44.445	ug/l	100
11) Tert butyl alcohol	5.363	59	267683	276.324	ug/l	98
12) 1,1-Dichloroethene	4.181	96	209990	48.655	ug/l	91
13) Acrolein	4.040	56	281175	238.047	ug/l	99
14) Allyl chloride	4.840	41	350361	50.015	ug/l	94
15) Acrylonitrile	5.551	53	828521	294.243	ug/l	99
16) Acetone	4.281	43	600258	235.295	ug/l	95
17) Carbon Disulfide	4.534	76	393991	39.787	ug/l	99
18) Methyl Acetate	4.851	43	343221	54.465	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	869547	54.232	ug/l	98
20) Methylene Chloride	5.093	84	272289	50.639	ug/l	97
21) trans-1,2-Dichloroethene	5.598	96	224856	47.459	ug/l	98
22) Diisopropyl ether	6.492	45	818466	53.669	ug/l	98
23) Vinyl Acetate	6.428	43	3416430	281.716	ug/l	99
24) 1,1-Dichloroethane	6.387	63	472180	52.742	ug/l	99
25) 2-Butanone	7.328	43	1015748	276.190	ug/l	98
26) 2,2-Dichloropropane	7.322	77	370663	48.195	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	309159	53.212	ug/l	96
28) Bromochloromethane	7.651	49	185327	51.317	ug/l	98
29) Tetrahydrofuran	7.681	42	660268	277.265	ug/l	97
30) Chloroform	7.816	83	502672	53.175	ug/l	99
31) Cyclohexane	8.092	56	362509	44.655	ug/l	100
32) 1,1,1-Trichloroethane	8.010	97	416698	51.526	ug/l	98
36) 1,1-Dichloropropene	8.216	75	332203	48.876	ug/l	100
37) Ethyl Acetate	7.404	43	406564	54.650	ug/l	98
38) Carbon Tetrachloride	8.204	117	341407	51.253	ug/l	99
39) Methylcyclohexane	9.457	83	390698	48.290	ug/l	99
40) Benzene	8.457	78	1102324	51.340	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	192316	52.796	ug/l	96
42) 1,2-Dichloroethane	8.528	62	369122	49.698	ug/l	97
43) Isopropyl Acetate	8.557	43	608939	49.211	ug/l	97
44) Trichloroethene	9.216	130	283201	51.198	ug/l	99
45) 1,2-Dichloropropane	9.486	63	289705	54.011	ug/l	99
46) Dibromomethane	9.575	93	191972	52.713	ug/l	98
47) Bromodichloromethane	9.757	83	395510	55.171	ug/l	99
48) Methyl methacrylate	9.557	41	287862	56.073	ug/l	93
49) 1,4-Dioxane	9.563	88	127897	1050.833	ug/l	99
51) 4-Methyl-2-Pentanone	10.327	43	2086324	293.257	ug/l	96
52) Toluene	10.504	92	726377	53.519	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	422524	56.236	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	463181	55.794	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	312130	55.879	ug/l	98
56) Ethyl methacrylate	10.757	69	496520	62.310	ug/l	93
57) 1,3-Dichloropropane	11.039	76	512893	54.917	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	551713	226.597	ug/l	99
59) 2-Hexanone	11.080	43	1501501	299.770	ug/l	95
60) Dibromochloromethane	11.233	129	324673	59.611	ug/l	99
61) 1,2-Dibromoethane	11.339	107	306664	55.773	ug/l	99
64) Tetrachloroethene	10.974	164	246848	48.290	ug/l	96
65) Chlorobenzene	11.769	112	805373	51.957	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	304755	54.485	ug/l	99
67) Ethyl Benzene	11.839	91	1403752	53.495	ug/l	99
68) m/p-Xylenes	11.945	106	1075714	106.693	ug/l	99
69) o-Xylene	12.274	106	543351	54.295	ug/l	99
70) Styrene	12.292	104	883272	58.253	ug/l	99
71) Bromoform	12.451	173	253806	59.586	ug/l	100
73) Isopropylbenzene	12.574	105	1402002	53.553	ug/l	100
74) N-amyl acetate	12.386	43	433439	57.785	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	474314	54.301	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	411539m	57.182	ug/l	
77) Bromobenzene	12.857	156	339716	51.764	ug/l	100
78) n-propylbenzene	12.916	91	1510269	54.842	ug/l	100
79) 2-Chlorotoluene	13.004	91	939622	53.204	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1131675	54.559	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	129890	55.930	ug/l	96
82) 4-Chlorotoluene	13.098	91	871350	53.228	ug/l	99
83) tert-Butylbenzene	13.321	119	1045671	55.149	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1121301	55.405	ug/l	100
85) sec-Butylbenzene	13.498	105	1384005	56.308	ug/l	100
86) p-Isopropyltoluene	13.610	119	1129843	57.651	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	554951	53.078	ug/l	100
88) 1,4-Dichlorobenzene	13.692	146	536944	52.640	ug/l	99
89) n-Butylbenzene	13.939	91	822392	56.578	ug/l	100
90) Hexachloroethane	14.204	117	198989	55.467	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	547528	53.343	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	79234	58.480	ug/l	97
93) 1,2,4-Trichlorobenzene	15.257	180	264290	53.309	ug/l	100
94) Hexachlorobutadiene	15.368	225	153703	50.772	ug/l	97
95) Naphthalene	15.504	128	792423	55.555	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	273350	56.730	ug/l	98

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

