

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090622\
 Data File : VN074347.D
 Acq On : 06 Sep 2022 18:10
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/07/2022
 Supervised By : Mahesh Dadoda 09/07/2022

Quant Time: Sep 07 02:42:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090622W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 02:37:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	637359	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.904	114	1157801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	1065298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	510608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	505845	51.407	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.820%			
35) Dibromofluoromethane	7.951	113	412161	53.506	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.020%			
50) Toluene-d8	10.380	98	1575889	52.618	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.240%			
62) 4-Bromofluorobenzene	12.669	95	563459	58.551	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.100%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	406311	63.389	ug/l	100
3) Chloromethane	2.269	50	372952	43.613	ug/l	99
4) Vinyl Chloride	2.405	62	590335	38.169	ug/l	99
5) Bromomethane	2.793	94	252117	25.290	ug/l	91
6) Chloroethane	2.957	64	416846	34.734	ug/l	98
7) Trichlorofluoromethane	3.310	101	653883	54.846	ug/l	100
8) Diethyl Ether	3.769	74	257602	53.665	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.134	101	374825	52.394	ug/l	94
10) Methyl Iodide	4.346	142	243177	62.635	ug/l	# 90
11) Tert butyl alcohol	5.281	59	460520	252.360	ug/l	99
12) 1,1-Dichloroethene	4.110	96	361731	55.590	ug/l	97
13) Acrolein	3.981	56	495244	363.256	ug/l	96
14) Allyl chloride	4.763	41	546503	53.087	ug/l	95
15) Acrylonitrile	5.469	53	1299756	258.750	ug/l	98
16) Acetone	4.216	43	1054902	249.831	ug/l	100
17) Carbon Disulfide	4.457	76	960342	58.836	ug/l	99
18) Methyl Acetate	4.775	43	559365	44.610	ug/l	95
19) Methyl tert-butyl Ether	5.528	73	1303301	51.949	ug/l	97
20) Methylene Chloride	5.010	84	435360	49.374	ug/l	98
21) trans-1,2-Dichloroethene	5.516	96	395795	54.004	ug/l	95
22) Diisopropyl ether	6.410	45	1290890	54.312	ug/l	96
23) Vinyl Acetate	6.351	43	5516508	267.743	ug/l	100
24) 1,1-Dichloroethane	6.304	63	748231	51.807	ug/l	98
25) 2-Butanone	7.257	43	1776980	253.253	ug/l	95
26) 2,2-Dichloropropane	7.251	77	564494	48.668	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	491306	52.847	ug/l	96
28) Bromochloromethane	7.581	49	227361	45.717	ug/l	95
29) Tetrahydrofuran	7.610	42	1200178	266.399	ug/l	97
30) Chloroform	7.745	83	835908	52.373	ug/l	98
31) Cyclohexane	8.022	56	704732	51.768	ug/l	97
32) 1,1,1-Trichloroethane	7.945	97	723881	54.559	ug/l	99
36) 1,1-Dichloropropene	8.151	75	605898	54.780	ug/l	98
37) Ethyl Acetate	7.340	43	691151	48.313	ug/l	98
38) Carbon Tetrachloride	8.134	117	634986	56.271	ug/l	99
39) Methylcyclohexane	9.398	83	750334	56.222	ug/l	98
40) Benzene	8.392	78	1863440	53.627	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	349933m	53.175	ug/l	
42) 1,2-Dichloroethane	8.463	62	657462	50.906	ug/l	99
43) Isopropyl Acetate	8.492	43	1023097	49.790	ug/l	98
44) Trichloroethene	9.151	130	438904	52.741	ug/l	91
45) 1,2-Dichloropropane	9.428	63	445147	51.736	ug/l	97
46) Dibromomethane	9.516	93	339255	51.646	ug/l #	86
47) Bromodichloromethane	9.698	83	660065	54.509	ug/l	99
48) Methyl methacrylate	9.498	41	467352	50.934	ug/l	93
49) 1,4-Dioxane	9.504	88	257923	1081.616	ug/l	94
51) 4-Methyl-2-Pentanone	10.269	43	3610579	252.208	ug/l	99
52) Toluene	10.445	92	1205312	56.184	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	673743	55.213	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	741538	55.037	ug/l	100
55) 1,1,2-Trichloroethane	10.839	97	477123	52.138	ug/l	98
56) Ethyl methacrylate	10.704	69	771568	56.628	ug/l	99
57) 1,3-Dichloropropane	10.986	76	831700	52.845	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	1734085	263.247	ug/l	98
59) 2-Hexanone	11.028	43	2816620	259.849	ug/l	99
60) Dibromochloromethane	11.175	129	519340	56.652	ug/l	99
61) 1,2-Dibromoethane	11.280	107	502742	54.586	ug/l	99
64) Tetrachloroethene	10.916	164	361426	52.867	ug/l	91
65) Chlorobenzene	11.710	112	1256786	53.111	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	458601	52.707	ug/l	99
67) Ethyl Benzene	11.786	91	2340327	54.132	ug/l	100
68) m/p-Xylenes	11.892	106	1813765	111.714	ug/l	98
69) o-Xylene	12.222	106	885501	54.815	ug/l	98
70) Styrene	12.233	104	1464794	56.780	ug/l	99
71) Bromoform	12.398	173	354874	55.948	ug/l	100
73) Isopropylbenzene	12.516	105	2326063	51.716	ug/l	99
74) N-amyl acetate	12.327	43	892133	47.537	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	784901	47.331	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	657576m	45.353	ug/l	
77) Bromobenzene	12.798	156	505046	50.604	ug/l	86
78) n-propylbenzene	12.857	91	2696308	52.684	ug/l	98
79) 2-Chlorotoluene	12.945	91	1610996	50.860	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	1965985	54.385	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.563	75	237990	53.161	ug/l	98
82) 4-Chlorotoluene	13.045	91	1547169	52.152	ug/l	99
83) tert-Butylbenzene	13.263	119	1697038	51.813	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	1957343	53.590	ug/l	96
85) sec-Butylbenzene	13.439	105	2407415	52.790	ug/l	98
86) p-Isopropyltoluene	13.551	119	1996892	56.041	ug/l	97
87) 1,3-Dichlorobenzene	13.551	146	928723	51.043	ug/l	97
88) 1,4-Dichlorobenzene	13.633	146	918748	47.401	ug/l	97
89) n-Butylbenzene	13.880	91	1646452	53.302	ug/l	97
90) Hexachloroethane	14.145	117	348734	50.188	ug/l	80
91) 1,2-Dichlorobenzene	13.927	146	946111	49.326	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.539	75	179662	49.578	ug/l	87
93) 1,2,4-Trichlorobenzene	15.192	180	488997	49.249	ug/l	97
94) Hexachlorobutadiene	15.298	225	213593	48.896	ug/l	99
95) Naphthalene	15.433	128	1898970	48.241	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	500256	47.292	ug/l	98

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

