

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090922\
 Data File : VN074373.D
 Acq On : 09 Sep 2022 12:25
 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 09/12/2022
 Supervised By : Mahesh Dadoda 09/12/2022

Quant Time: Sep 10 05:41:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 05:38:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	354023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	646077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	616381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	306410	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	297775	48.615	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.240%		
35) Dibromofluoromethane	7.951	113	216513	49.640	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.280%		
50) Toluene-d8	10.380	98	858102	50.491	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.980%		
62) 4-Bromofluorobenzene	12.674	95	318490	51.617	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	208750	45.500	ug/l	100
3) Chloromethane	2.269	50	277781	42.902	ug/l	100
4) Vinyl Chloride	2.404	62	351470	45.855	ug/l	100
5) Bromomethane	2.781	94	253410	47.373	ug/l	100
6) Chloroethane	2.946	64	244721	43.127	ug/l	100
7) Trichlorofluoromethane	3.304	101	345959	45.712	ug/l	100
8) Diethyl Ether	3.763	74	143469	44.926	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.134	101	199592	44.009	ug/l	100
10) Methyl Iodide	4.345	142	253648	48.381	ug/l	100
11) Tert butyl alcohol	5.287	59	387062	241.595	ug/l	100
12) 1,1-Dichloroethene	4.104	96	202171	45.811	ug/l	100
13) Acrolein	3.975	56	250460	235.348	ug/l	100
14) Allyl chloride	4.757	41	446253	46.099	ug/l	100
15) Acrylonitrile	5.469	53	902984	246.356	ug/l	100
16) Acetone	4.222	43	768999	232.552	ug/l	100
17) Carbon Disulfide	4.451	76	554604	46.240	ug/l	100
18) Methyl Acetate	4.769	43	450783	46.243	ug/l	100
19) Methyl tert-butyl Ether	5.528	73	832922	46.892	ug/l	100
20) Methylene Chloride	5.010	84	247644	43.374	ug/l	100
21) trans-1,2-Dichloroethene	5.510	96	219707	44.522	ug/l	100
22) Diisopropyl ether	6.410	45	942491	48.355	ug/l	100
23) Vinyl Acetate	6.345	43	4342688	252.749	ug/l	100
24) 1,1-Dichloroethane	6.298	63	463889	46.319	ug/l	100
25) 2-Butanone	7.257	43	1363940	245.716	ug/l	100
26) 2,2-Dichloropropane	7.245	77	409051	45.148	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	276717	45.419	ug/l	100
28) Bromochloromethane	7.581	49	151096	42.411	ug/l	100
29) Tetrahydrofuran	7.610	42	901023	245.553	ug/l	100
30) Chloroform	7.745	83	488120	48.828	ug/l	100
31) Cyclohexane	8.028	56	435774	44.734	ug/l	100
32) 1,1,1-Trichloroethane	7.939	97	428101	47.736	ug/l	100
36) 1,1-Dichloropropene	8.151	75	352409	49.044	ug/l	100
37) Ethyl Acetate	7.334	43	512721	49.144	ug/l	100
38) Carbon Tetrachloride	8.133	117	372392	50.200	ug/l	100
39) Methylcyclohexane	9.392	83	438593	48.160	ug/l	100
40) Benzene	8.386	78	1089600	49.526	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	279451	54.030	ug/l	100
42) 1,2-Dichloroethane	8.463	62	406109	48.285	ug/l	100
43) Isopropyl Acetate	8.492	43	845033	49.572	ug/l	100
44) Trichloroethene	9.151	130	240028	48.665	ug/l	100
45) 1,2-Dichloropropane	9.428	63	281673	48.230	ug/l	100
46) Dibromomethane	9.516	93	196039	49.025	ug/l	100
47) Bromodichloromethane	9.698	83	395327	49.598	ug/l	100
48) Methyl methacrylate	9.498	41	355510	47.322	ug/l	100
49) 1,4-Dioxane	9.504	88	161923	1022.782	ug/l	100
51) 4-Methyl-2-Pentanone	10.269	43	2824713	253.386	ug/l	100
52) Toluene	10.445	92	705786	51.874	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	458999	52.201	ug/l	100
54) cis-1,3-Dichloropropene	10.127	75	462883	49.381	ug/l	100
55) 1,1,2-Trichloroethane	10.839	97	280704	50.052	ug/l	100
56) Ethyl methacrylate	10.704	69	509275	53.444	ug/l	100
57) 1,3-Dichloropropane	10.986	76	496190	50.617	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	1105344	249.354	ug/l	100
59) 2-Hexanone	11.027	43	2220050	258.062	ug/l	100
60) Dibromochloromethane	11.180	129	302637	53.298	ug/l	100
61) 1,2-Dibromoethane	11.286	107	295294	51.179	ug/l	100
64) Tetrachloroethene	10.916	164	198551	47.517	ug/l	100
65) Chlorobenzene	11.710	112	728878	49.041	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	278886	48.037	ug/l	100
67) Ethyl Benzene	11.786	91	1384436	49.316	ug/l	100
68) m/p-Xylenes	11.898	106	1055255	99.993	ug/l	100
69) o-Xylene	12.221	106	530647	50.023	ug/l	100
70) Styrene	12.233	104	891334	52.851	ug/l	100
71) Bromoform	12.398	173	231098	53.143	ug/l #	100
73) Isopropylbenzene	12.521	105	1391364	47.263	ug/l	100
74) N-amyl acetate	12.333	43	775948	45.271	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.768	83	498732	45.080	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	399686m	38.444	ug/l	100
77) Bromobenzene	12.804	156	296646	46.939	ug/l	100
78) n-propylbenzene	12.863	91	1674022	49.637	ug/l	100
79) 2-Chlorotoluene	12.951	91	982177	47.767	ug/l	100
80) 1,3,5-Trimethylbenzene	13.004	105	1178547	48.254	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.568	75	178115	49.564	ug/l	100
82) 4-Chlorotoluene	13.045	91	971531	48.970	ug/l	100
83) tert-Butylbenzene	13.268	119	1049695	47.738	ug/l	100
84) 1,2,4-Trimethylbenzene	13.310	105	1185630	48.978	ug/l	100
85) sec-Butylbenzene	13.445	105	1500022	50.129	ug/l	100
86) p-Isopropyltoluene	13.557	119	1204419	50.286	ug/l	100
87) 1,3-Dichlorobenzene	13.557	146	569963	48.779	ug/l	100
88) 1,4-Dichlorobenzene	13.639	146	572407	48.494	ug/l	100
89) n-Butylbenzene	13.886	91	1068392	52.420	ug/l	100
90) Hexachloroethane	14.151	117	243219	48.068	ug/l	100
91) 1,2-Dichlorobenzene	13.933	146	584040	47.529	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.545	75	131338	43.611	ug/l	100
93) 1,2,4-Trichlorobenzene	15.198	180	305129	49.831	ug/l	100
94) Hexachlorobutadiene	15.304	225	129406	46.627	ug/l	100
95) Naphthalene	15.439	128	1229678	51.330	ug/l	100
96) 1,2,3-Trichlorobenzene	15.633	180	309826	48.895	ug/l	100

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

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