

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050622\
 Data File : VN072370.D
 Acq On : 06 May 2022 21:50
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/09/2022
 Supervised By : Mahesh Dadoda 05/09/2022

Quant Time: May 09 03:18:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	269302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	474029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	430703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	184730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	210891	51.009	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.020%			
35) Dibromofluoromethane	8.022	113	155426	51.227	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.460%			
50) Toluene-d8	10.439	98	604790	50.729	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.460%			
62) 4-Bromofluorobenzene	12.727	95	214245	54.141	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	134339	44.488	ug/l	99
3) Chloromethane	2.299	50	149563	44.061	ug/l	99
4) Vinyl Chloride	2.440	62	132163	43.595	ug/l	100
5) Bromomethane	2.822	94	74123	51.128	ug/l	97
6) Chloroethane	2.993	64	83063	48.421	ug/l	96
7) Trichlorofluoromethane	3.363	101	241261	45.552	ug/l	96
8) Diethyl Ether	3.822	74	100028	52.157	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.204	101	134915	48.495	ug/l	98
10) Methyl Iodide	4.416	142	173750	51.451	ug/l	93
11) Tert butyl alcohol	5.369	59	204422	300.875	ug/l	99
12) 1,1-Dichloroethene	4.175	96	121826	47.365	ug/l	93
13) Acrolein	4.040	56	161761	236.581	ug/l	94
14) Allyl chloride	4.840	41	271840	50.903	ug/l	92
15) Acrylonitrile	5.551	53	555690	271.033	ug/l	100
16) Acetone	4.281	43	474098	265.974	ug/l	94
17) Carbon Disulfide	4.528	76	239096	39.586	ug/l	100
18) Methyl Acetate	4.851	43	283383	56.874	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	555790	55.127	ug/l	99
20) Methylene Chloride	5.092	84	158919	46.512	ug/l #	86
21) trans-1,2-Dichloroethene	5.592	96	129373	45.615	ug/l	89
22) Diisopropyl ether	6.492	45	585988	53.272	ug/l	97
23) Vinyl Acetate	6.428	43	2528100	273.652	ug/l	95
24) 1,1-Dichloroethane	6.386	63	305424	49.639	ug/l	99
25) 2-Butanone	7.328	43	784616	276.394	ug/l	92
26) 2,2-Dichloropropane	7.322	77	213076	44.332	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	175985	50.898	ug/l	94
28) Bromochloromethane	7.651	49	143247	51.992	ug/l	82
29) Tetrahydrofuran	7.681	42	516496	277.241	ug/l	87
30) Chloroform	7.816	83	305488	49.449	ug/l	99
31) Cyclohexane	8.092	56	241868	43.784	ug/l	87
32) 1,1,1-Trichloroethane	8.010	97	268490	51.069	ug/l	99
36) 1,1-Dichloropropene	8.216	75	208086	47.118	ug/l	96
37) Ethyl Acetate	7.410	43	302815	51.632	ug/l	96
38) Carbon Tetrachloride	8.204	117	222650	47.072	ug/l	97
39) Methylcyclohexane	9.457	83	230169	46.599	ug/l	94
40) Benzene	8.457	78	644617	47.058	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	164524	55.452	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	249151	47.509	ug/l	98
43) Isopropyl Acetate	8.557	43	487118	52.852	ug/l	94
44) Trichloroethene	9.216	130	154936	48.622	ug/l	92
45) 1,2-Dichloropropane	9.486	63	184787	49.922	ug/l	99
46) Dibromomethane	9.575	93	114940	49.569	ug/l	94
47) Bromodichloromethane	9.757	83	242584	49.859	ug/l	100
48) Methyl methacrylate	9.557	41	232074	59.904	ug/l	88
49) 1,4-Dioxane	9.569	88	79608	1169.799	ug/l #	92
51) 4-Methyl-2-Pentanone	10.327	43	1597283	288.646	ug/l	93
52) Toluene	10.504	92	410087	50.077	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	254591	52.055	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	275627	52.110	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	174999	50.966	ug/l	97
56) Ethyl methacrylate	10.757	69	300358	49.951	ug/l	89
57) 1,3-Dichloropropane	11.039	76	305593	50.718	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	421074	259.541	ug/l	93
59) 2-Hexanone	11.080	43	1161542	297.923	ug/l	92
60) Dibromochloromethane	11.233	129	185524	52.839	ug/l	100
61) 1,2-Dibromoethane	11.339	107	174838	51.775	ug/l	98
64) Tetrachloroethene	10.974	164	128482	49.557	ug/l	96
65) Chlorobenzene	11.769	112	440238	50.588	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	168853	51.493	ug/l	98
67) Ethyl Benzene	11.839	91	807911	53.234	ug/l	98
68) m/p-Xylenes	11.951	106	596489	105.842	ug/l	94
69) o-Xylene	12.274	106	301942	55.266	ug/l	95
70) Styrene	12.292	104	492580	57.238	ug/l	98
71) Bromoform	12.451	173	134139	55.002	ug/l #	98
73) Isopropylbenzene	12.574	105	798636	48.950	ug/l	98
74) N-amyl acetate	12.386	43	335238	54.844	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.821	83	276001	50.742	ug/l	100
76) 1,2,3-Trichloropropane	12.880	75	250963m	57.135	ug/l	
77) Bromobenzene	12.857	156	177073	45.894	ug/l	86
78) n-propylbenzene	12.915	91	880817	49.005	ug/l	98
79) 2-Chlorotoluene	13.004	91	547972	46.415	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	653981	48.131	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	76430	47.839	ug/l	94
82) 4-Chlorotoluene	13.098	91	518171	47.150	ug/l	97
83) tert-Butylbenzene	13.321	119	589481	49.412	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	649252	49.386	ug/l	96
85) sec-Butylbenzene	13.498	105	797809	51.294	ug/l	98
86) p-Isopropyltoluene	13.610	119	649405	53.556	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	308522	49.406	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	305619	50.326	ug/l	98
89) n-Butylbenzene	13.939	91	507329	54.623	ug/l	98
90) Hexachloroethane	14.210	117	114127	43.357	ug/l	86
91) 1,2-Dichlorobenzene	13.980	146	311428	50.599	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	56522	50.090	ug/l	89
93) 1,2,4-Trichlorobenzene	15.257	180	148338	52.031	ug/l	98
94) Hexachlorobutadiene	15.362	225	74796	45.350	ug/l	99
95) Naphthalene	15.498	128	541129	55.992	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	150760	52.995	ug/l	97

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

