

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050922\
 Data File : VN072372.D
 Acq On : 09 May 2022 11:41
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/10/2022
 Supervised By : Mahesh Dadoda 05/10/2022

Quant Time: May 10 06:42:23 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	8.080	168	263294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	432240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	403020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	171488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	204016	50.472	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.940%			
35) Dibromofluoromethane	8.022	113	154889	55.986	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 111.980%			
50) Toluene-d8	10.439	98	593966	54.638	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.280%			
62) 4-Bromofluorobenzene	12.727	95	212734	58.957	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 117.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	127627	43.225	ug/l	97
3) Chloromethane	2.298	50	140324	42.249	ug/l	99
4) Vinyl Chloride	2.446	62	126503	42.680	ug/l	99
5) Bromomethane	2.822	94	70990	50.036	ug/l	100
6) Chloroethane	2.998	64	77951	46.409	ug/l	99
7) Trichlorofluoromethane	3.363	101	227414	43.918	ug/l	98
8) Diethyl Ether	3.822	74	97143	51.808	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.210	101	135857	49.948	ug/l	98
10) Methyl Iodide	4.416	142	168129	50.922	ug/l	92
11) Tert butyl alcohol	5.363	59	174065	262.041	ug/l	99
12) 1,1-Dichloroethene	4.181	96	120463	47.904	ug/l	95
13) Acrolein	4.040	56	156582	234.233	ug/l	97
14) Allyl chloride	4.834	41	264724	50.702	ug/l	92
15) Acrylonitrile	5.545	53	501435	250.151	ug/l	99
16) Acetone	4.281	43	513045	294.391	ug/l	95
17) Carbon Disulfide	4.528	76	238576	40.393	ug/l	98
18) Methyl Acetate	4.851	43	255874	52.522	ug/l	93
19) Methyl tert-butyl Ether	5.604	73	534631	54.238	ug/l	100
20) Methylene Chloride	5.098	84	155664	46.599	ug/l	92
21) trans-1,2-Dichloroethene	5.592	96	127428	45.954	ug/l	88
22) Diisopropyl ether	6.486	45	563266	52.374	ug/l	97
23) Vinyl Acetate	6.428	43	2384307	263.977	ug/l	95
24) 1,1-Dichloroethane	6.381	63	287863	47.852	ug/l	99
25) 2-Butanone	7.328	43	733620	264.327	ug/l	91
26) 2,2-Dichloropropane	7.322	77	253682	53.985	ug/l	98
27) cis-1,2-Dichloroethene	7.316	96	169295	50.080	ug/l	92
28) Bromochloromethane	7.657	49	130820	48.565	ug/l	83
29) Tetrahydrofuran	7.675	42	455460	250.057	ug/l	88
30) Chloroform	7.810	83	290930	48.167	ug/l	100
31) Cyclohexane	8.092	56	233083	43.156	ug/l	91
32) 1,1,1-Trichloroethane	8.010	97	258914	50.372	ug/l	100
36) 1,1-Dichloropropene	8.216	75	201568	50.055	ug/l	97
37) Ethyl Acetate	7.404	43	273138	51.074	ug/l	97
38) Carbon Tetrachloride	8.204	117	217959	50.536	ug/l	98
39) Methylcyclohexane	9.451	83	233111	51.758	ug/l	94
40) Benzene	8.457	78	618405	49.509	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	139658	51.622	ug/l	90
42) 1,2-Dichloroethane	8.522	62	241313	50.463	ug/l	98
43) Isopropyl Acetate	8.557	43	437442	52.063	ug/l	95
44) Trichloroethene	9.210	130	152824	52.596	ug/l	95
45) 1,2-Dichloropropane	9.486	63	173098	51.285	ug/l	99
46) Dibromomethane	9.574	93	110709	52.360	ug/l	94
47) Bromodichloromethane	9.757	83	239674	54.024	ug/l	96
48) Methyl methacrylate	9.557	41	196248	55.554	ug/l	94
49) 1,4-Dioxane	9.563	88	68648	1106.273	ug/l #	89
51) 4-Methyl-2-Pentanone	10.327	43	1423047	282.022	ug/l	94
52) Toluene	10.498	92	398281	53.337	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	263141	59.005	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	276491	57.327	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	169099	54.009	ug/l	98
56) Ethyl methacrylate	10.757	69	279797	50.979	ug/l	89
57) 1,3-Dichloropropane	11.039	76	295042	53.701	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	361340	245.300	ug/l	93
59) 2-Hexanone	11.080	43	1022563	287.634	ug/l	93
60) Dibromochloromethane	11.233	129	184267	57.555	ug/l	99
61) 1,2-Dibromoethane	11.339	107	167908	54.531	ug/l	99
64) Tetrachloroethene	10.974	164	131701	54.288	ug/l	94
65) Chlorobenzene	11.763	112	429268	52.715	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	171037	55.742	ug/l	98
67) Ethyl Benzene	11.839	91	790624	55.673	ug/l	99
68) m/p-Xylenes	11.951	106	588932	111.679	ug/l	95
69) o-Xylene	12.274	106	295723	57.845	ug/l	95
70) Styrene	12.286	104	482960	59.975	ug/l	98
71) Bromoform	12.451	173	132766	58.178	ug/l #	98
73) Isopropylbenzene	12.574	105	779813	51.487	ug/l	98
74) N-amyl acetate	12.380	43	306008	53.928	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.821	83	258828	51.275	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	225618m	55.588	ug/l	
77) Bromobenzene	12.857	156	181254	50.605	ug/l	92
78) n-propylbenzene	12.915	91	882553	52.894	ug/l	98
79) 2-Chlorotoluene	13.004	91	541414	49.401	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	643438	51.011	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	78355	52.831	ug/l	96
82) 4-Chlorotoluene	13.098	91	519277	50.899	ug/l	97
83) tert-Butylbenzene	13.315	119	582600	52.606	ug/l	97
84) 1,2,4-Trimethylbenzene	13.362	105	635778	52.095	ug/l	97
85) sec-Butylbenzene	13.498	105	799149	55.348	ug/l	98
86) p-Isopropyltoluene	13.610	119	647343	57.508	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	317078	54.697	ug/l	98
88) 1,4-Dichlorobenzene	13.686	146	310384	55.057	ug/l	97
89) n-Butylbenzene	13.939	91	512983	59.496	ug/l	99
90) Hexachloroethane	14.204	117	116459	47.659	ug/l	88
91) 1,2-Dichlorobenzene	13.980	146	313099	54.798	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.598	75	52800	50.405	ug/l	84
93) 1,2,4-Trichlorobenzene	15.256	180	147554	55.579	ug/l	98
94) Hexachlorobutadiene	15.362	225	80258	52.420	ug/l	100
95) Naphthalene	15.498	128	464502	52.098	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	147487	55.704	ug/l	98

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

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