

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073832.D
 Acq On : 11 Aug 2022 18:07
 Operator : JC\MD
 Sample : N4172-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT149S1-20220809MS

Quant Time: Aug 12 06:06:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/12/2022
 Supervised By : Mahesh Dadoda 08/12/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	386667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	605544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	561642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	282798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	208694	44.288	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.580%		
35) Dibromofluoromethane	7.951	113	184368	48.487	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.980%		
50) Toluene-d8	10.380	98	685316	45.801	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.600%		
62) 4-Bromofluorobenzene	12.674	95	237837	45.538	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	208283	55.536	ug/l	97
3) Chloromethane	2.263	50	256296	57.221	ug/l	97
4) Vinyl Chloride	2.404	62	305754	46.614	ug/l	98
5) Bromomethane	2.775	94	176377	46.365	ug/l	100
6) Chloroethane	2.940	64	208100	54.590	ug/l	97
7) Trichlorofluoromethane	3.298	101	424534	62.801	ug/l	100
8) Diethyl Ether	3.763	74	132308	52.125	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.134	101	195185	52.188	ug/l	98
10) Methyl Iodide	4.340	142	231994	61.016	ug/l	98
11) Tert butyl alcohol	5.298	59	304038	299.178	ug/l	99
12) 1,1-Dichloroethene	4.104	96	191372	52.165	ug/l	92
13) Acrolein	3.975	56	256145	254.239	ug/l	100
14) Allyl chloride	4.751	41	306916	52.328	ug/l	99
15) Acrylonitrile	5.475	53	773660	275.214	ug/l	99
16) Acetone	4.222	43	656041	259.208	ug/l	98
17) Carbon Disulfide	4.445	76	507808	52.204	ug/l	99
18) Methyl Acetate	4.775	43	329303	52.298	ug/l	99
19) Methyl tert-butyl Ether	5.528	73	829768	66.207	ug/l	98
20) Methylene Chloride	5.010	84	234406	57.585	ug/l	96
21) trans-1,2-Dichloroethene	5.504	96	212335	53.468	ug/l	95
22) Diisopropyl ether	6.410	45	668200	52.806	ug/l	99
23) Vinyl Acetate	6.351	43	2840088	267.701	ug/l	100
24) 1,1-Dichloroethane	6.304	63	392773	50.454	ug/l	97
25) 2-Butanone	7.263	43	1076986	274.008	ug/l	100
26) 2,2-Dichloropropane	7.245	77	268487	44.827	ug/l	97
27) cis-1,2-Dichloroethene	7.245	96	252141	51.532	ug/l	95
28) Bromochloromethane	7.581	49	148535	45.442	ug/l	100
29) Tetrahydrofuran	7.610	42	689460	277.443	ug/l	99
30) Chloroform	7.745	83	415049	51.172	ug/l	99
31) Cyclohexane	8.022	56	337022	48.040	ug/l	99
32) 1,1,1-Trichloroethane	7.945	97	354563	52.648	ug/l	97
36) 1,1-Dichloropropene	8.151	75	296411	54.695	ug/l	99
37) Ethyl Acetate	7.339	43	371097	51.995	ug/l	99
38) Carbon Tetrachloride	8.133	117	309404	56.213	ug/l	98
39) Methylcyclohexane	9.392	83	365292	56.406	ug/l	98
40) Benzene	8.392	78	940203	53.426	ug/l	100

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41) Methacrylonitrile	7.569	41	185615	57.473	ug/l	94
42) 1,2-Dichloroethane	8.463	62	320115	53.973	ug/l	100
43) Isopropyl Acetate	8.498	43	532214	55.209	ug/l	99
44) Trichloroethene	9.151	130	263497	59.044	ug/l	96
45) 1,2-Dichloropropane	9.428	63	232634	52.886	ug/l	98
46) Dibromomethane	9.516	93	170231	55.760	ug/l	99
47) Bromodichloromethane	9.698	83	326360	55.698	ug/l	97
48) Methyl methacrylate	9.498	41	250675	59.406	ug/l	95
49) 1,4-Dioxane	9.504	88	149938	1260.532	ug/l	94
51) 4-Methyl-2-Pentanone	10.275	43	2003501	289.766	ug/l	100
52) Toluene	10.445	92	603026	56.099	ug/l	99
53) t-1,3-Dichloropropene	10.663	75	339835	58.708	ug/l	100
54) cis-1,3-Dichloropropene	10.127	75	361337	55.394	ug/l	99
55) 1,1,2-Trichloroethane	10.839	97	248286	55.390	ug/l	97
56) Ethyl methacrylate	10.704	69	396390	64.161	ug/l	100
57) 1,3-Dichloropropane	10.986	76	417116	54.846	ug/l	99
59) 2-Hexanone	11.027	43	1599665	305.368	ug/l	99
60) Dibromochloromethane	11.180	129	267605	60.010	ug/l	99
61) 1,2-Dibromoethane	11.286	107	264654	57.327	ug/l	100
64) Tetrachloroethene	10.916	164	230720	51.690	ug/l	97
65) Chlorobenzene	11.710	112	655762	54.969	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	249330	58.269	ug/l	98
67) Ethyl Benzene	11.786	91	1156254	57.451	ug/l	98
68) m/p-Xylenes	11.892	106	903606	117.717	ug/l	100
69) o-Xylene	12.221	106	447654	59.818	ug/l	99
70) Styrene	12.233	104	739713	61.747	ug/l	98
71) Bromoform	12.398	173	220066	62.309	ug/l #	99
73) Isopropylbenzene	12.521	105	1157077	55.893	ug/l	99
74) N-amyl acetate	12.333	43	443138	56.655	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	408063	51.082	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	304762m	59.436	ug/l	
77) Bromobenzene	12.798	156	296588	55.015	ug/l	97
78) n-propylbenzene	12.863	91	1304963	56.023	ug/l	99
79) 2-Chlorotoluene	12.951	91	788544	54.240	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	968574	56.854	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	121303	55.588	ug/l	98
82) 4-Chlorotoluene	13.045	91	764124	55.457	ug/l	99
83) tert-Butylbenzene	13.263	119	885963	58.713	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	962130	57.435	ug/l	100
85) sec-Butylbenzene	13.439	105	1200138	57.545	ug/l	99
86) p-Isopropyltoluene	13.557	119	999066	60.766	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	529637	53.823	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	518252	52.637	ug/l	98
89) n-Butylbenzene	13.886	91	776840	58.071	ug/l	100
90) Hexachloroethane	14.151	117	184118	56.443	ug/l	97
91) 1,2-Dichlorobenzene	13.927	146	539060	54.059	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	91572	57.053	ug/l	91
93) 1,2,4-Trichlorobenzene	15.198	180	297815	60.142	ug/l	98
94) Hexachlorobutadiene	15.304	225	159698	59.322	ug/l	97
95) Naphthalene	15.439	128	1044892	65.025	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	320828	61.559	ug/l	98

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

