

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040522\
 Data File : VN071860.D
 Acq On : 05 Apr 2022 16:48
 Operator : JC\MD
 Sample : N2258-10MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-E5MS

Quant Time: Apr 06 06:42:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/06/2022
 Supervised By : Mahesh Dadoda 04/06/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	539897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	843441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	773377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	308993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	295720	47.979	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.960%		
35) Dibromofluoromethane	8.016	113	255793	51.538	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.080%		
50) Toluene-d8	10.439	98	1040432	51.245	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.480%		
62) 4-Bromofluorobenzene	12.727	95	333986	50.863	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	189727	44.202	ug/l	98
3) Chloromethane	2.298	50	229702	42.232	ug/l	98
4) Vinyl Chloride	2.440	62	255100	42.709	ug/l	98
5) Bromomethane	2.828	94	159503	41.080	ug/l	96
6) Chloroethane	3.004	64	194856	45.348	ug/l	99
7) Trichlorofluoromethane	3.369	101	343822	45.244	ug/l	100
8) Diethyl Ether	3.822	74	160146	49.866	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.210	101	215605	46.040	ug/l	98
10) Methyl Iodide	4.422	142	294913	45.051	ug/l	99
11) Tert butyl alcohol	5.363	59	264290	264.226	ug/l	99
12) 1,1-Dichloroethene	4.181	96	207472	46.557	ug/l	97
13) Acrolein	4.040	56	320372	262.686	ug/l	98
14) Allyl chloride	4.834	41	348227	48.144	ug/l	93
15) Acrylonitrile	5.551	53	805168	276.940	ug/l	99
16) Acetone	4.281	43	593281	225.233	ug/l	94
17) Carbon Disulfide	4.534	76	426254	41.688	ug/l	99
18) Methyl Acetate	4.857	43	321246	49.226	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	815837	49.279	ug/l	100
20) Methylene Chloride	5.092	84	269426	48.528	ug/l	97
21) trans-1,2-Dichloroethene	5.592	96	223722	45.732	ug/l	98
22) Diisopropyl ether	6.492	45	789185	50.119	ug/l	95
23) Vinyl Acetate	6.428	43	3135981	250.443	ug/l	100
24) 1,1-Dichloroethane	6.386	63	454477	49.165	ug/l	98
25) 2-Butanone	7.328	43	1002407	263.975	ug/l	99
26) 2,2-Dichloropropane	7.322	77	337990	42.563	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	293528	48.929	ug/l	96
28) Bromochloromethane	7.657	49	183024	49.082	ug/l	99
29) Tetrahydrofuran	7.680	42	668302	271.797	ug/l	100
30) Chloroform	7.816	83	475771	48.744	ug/l	99
31) Cyclohexane	8.092	56	367682	43.865	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	395507	47.365	ug/l	98
36) 1,1-Dichloropropene	8.216	75	324623	46.837	ug/l	100
37) Ethyl Acetate	7.410	43	375727	49.528	ug/l	99
38) Carbon Tetrachloride	8.204	117	325486	47.918	ug/l	97
39) Methylcyclohexane	9.457	83	388722	47.116	ug/l	99
40) Benzene	8.457	78	1072955	49.006	ug/l	100

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41) Methacrylonitrile	7.633	41	210998	56.805	ug/l	91
42) 1,2-Dichloroethane	8.527	62	356968	47.132	ug/l	98
43) Isopropyl Acetate	8.557	43	571013	45.254	ug/l	97
44) Trichloroethene	9.216	130	270075	47.880	ug/l	97
45) 1,2-Dichloropropane	9.486	63	274482	50.183	ug/l	99
46) Dibromomethane	9.574	93	181256	48.808	ug/l	97
47) Bromodichloromethane	9.757	83	375181	51.323	ug/l	100
48) Methyl methacrylate	9.557	41	282703	54.003	ug/l	94
49) 1,4-Dioxane	9.563	88	133233	1073.805	ug/l	100
51) 4-Methyl-2-Pentanone	10.327	43	2033319	280.279	ug/l	97
52) Toluene	10.504	92	701920	50.717	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	393933	51.417	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	426999	50.441	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	291345	51.149	ug/l	97
56) Ethyl methacrylate	10.757	69	455134	56.012	ug/l	93
57) 1,3-Dichloropropane	11.039	76	486486	51.082	ug/l	99
59) 2-Hexanone	11.080	43	1446044	283.114	ug/l	96
60) Dibromochloromethane	11.233	129	304142	54.761	ug/l	99
61) 1,2-Dibromoethane	11.339	107	289927	51.709	ug/l	99
64) Tetrachloroethene	10.974	164	231930	45.415	ug/l	98
65) Chlorobenzene	11.768	112	756864	48.875	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	280399	50.179	ug/l	100
67) Ethyl Benzene	11.839	91	1320946	50.388	ug/l	99
68) m/p-Xylenes	11.951	106	1006792	99.954	ug/l	100
69) o-Xylene	12.274	106	507685	50.780	ug/l	99
70) Styrene	12.292	104	814171	53.748	ug/l	99
71) Bromoform	12.451	173	236800	55.647	ug/l	99
73) Isopropylbenzene	12.574	105	1291987	49.619	ug/l	100
74) N-amyl acetate	12.380	43	378171	50.690	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	445112	51.234	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	381317m	53.271	ug/l	
77) Bromobenzene	12.857	156	310707	47.601	ug/l	99
78) n-propylbenzene	12.915	91	1381400	50.435	ug/l	100
79) 2-Chlorotoluene	13.004	91	860227	48.973	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1041113	50.465	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	119823	51.875	ug/l	98
82) 4-Chlorotoluene	13.098	91	809158	49.698	ug/l	99
83) tert-Butylbenzene	13.321	119	947144	50.225	ug/l	99
84) 1,2,4-Trimethylbenzene	13.362	105	1022747	50.810	ug/l	99
85) sec-Butylbenzene	13.498	105	1250916	51.170	ug/l	100
86) p-Isopropyltoluene	13.609	119	1010246	51.829	ug/l	99
87) 1,3-Dichlorobenzene	13.609	146	505363	48.598	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	488553	48.156	ug/l	100
89) n-Butylbenzene	13.939	91	732936	50.698	ug/l	99
90) Hexachloroethane	14.204	117	186600	52.296	ug/l	98
91) 1,2-Dichlorobenzene	13.986	146	492927	48.284	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	74712	55.442	ug/l	98
93) 1,2,4-Trichlorobenzene	15.256	180	229520	46.812	ug/l	99
94) Hexachlorobutadiene	15.368	225	128261	42.598	ug/l	98
95) Naphthalene	15.503	128	673914	48.055	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	228741	48.113	ug/l	100

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

