

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082522\
 Data File : VN074128.D
 Acq On : 25 Aug 2022 20:56
 Operator : JC\MD
 Sample : N4280-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE109D2-20220817MSD

Quant Time: Aug 26 02:07:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/26/2022
 Supervised By :Mahesh Dadoda 08/26/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	456439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	708759	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	657148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	336480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	254474	57.241	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.480%			
35) Dibromofluoromethane	7.951	113	233322	55.665	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.340%			
50) Toluene-d8	10.381	98	843129	51.938	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.880%			
62) 4-Bromofluorobenzene	12.669	95	303608	56.353	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	210272	58.099	ug/l	100
3) Chloromethane	2.263	50	183826	45.675	ug/l	96
4) Vinyl Chloride	2.405	62	268199	51.909	ug/l	99
5) Bromomethane	2.787	94	119602	37.070	ug/l	97
6) Chloroethane	2.952	64	177296	48.574	ug/l	100
7) Trichlorofluoromethane	3.310	101	397557	59.649	ug/l	99
8) Diethyl Ether	3.763	74	141914	57.360	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.134	101	203906	52.665	ug/l	97
10) Methyl Iodide	4.340	142	151887	32.676	ug/l	99
11) Tert butyl alcohol	5.298	59	318598	320.382	ug/l	99
12) 1,1-Dichloroethene	4.110	96	200390	55.627	ug/l	91
13) Acrolein	3.981	56	106310	152.731	ug/l	99
14) Allyl chloride	4.757	41	325542	61.018	ug/l	94
15) Acrylonitrile	5.475	53	849724	349.994	ug/l	99
16) Acetone	4.222	43	682285	325.297	ug/l	95
17) Carbon Disulfide	4.452	76	505819	59.053	ug/l	97
18) Methyl Acetate	4.775	43	342591	66.178	ug/l	100
19) Methyl tert-butyl Ether	5.534	73	743495	57.306	ug/l	96
20) Methylene Chloride	5.010	84	247199	55.853	ug/l	97
21) trans-1,2-Dichloroethene	5.510	96	221869	55.904	ug/l	95
22) Diisopropyl ether	6.410	45	702487	62.102	ug/l	98
23) Vinyl Acetate	6.351	43	2870769	296.147	ug/l	100
24) 1,1-Dichloroethane	6.304	63	423229	60.108	ug/l	99
25) 2-Butanone	7.263	43	1141385	343.203	ug/l	99
26) 2,2-Dichloropropane	7.251	77	259133	39.172	ug/l	97
27) cis-1,2-Dichloroethene	7.245	96	272250	55.599	ug/l	94
28) Bromochloromethane	7.587	49	155050	59.705	ug/l	93
29) Tetrahydrofuran	7.610	42	735678	344.845	ug/l	98
30) Chloroform	7.745	83	449716	57.118	ug/l	99
31) Cyclohexane	8.022	56	350297	56.523	ug/l	99
32) 1,1,1-Trichloroethane	7.945	97	380669	54.521	ug/l	98
36) 1,1-Dichloropropene	8.151	75	310247	53.290	ug/l	99
37) Ethyl Acetate	7.340	43	383486	54.371	ug/l	97
38) Carbon Tetrachloride	8.134	117	329142	49.461	ug/l	99
39) Methylcyclohexane	9.398	83	367573	50.388	ug/l	98
40) Benzene	8.392	78	1007229	54.816	ug/l	99

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41) Methacrylonitrile	7.569	41	197027	61.814	ug/l	95
42) 1,2-Dichloroethane	8.463	62	334746	52.983	ug/l	98
43) Isopropyl Acetate	8.498	43	548404	54.579	ug/l	98
44) Trichloroethene	9.151	130	407966	76.871	ug/l	100
45) 1,2-Dichloropropane	9.428	63	253544	57.568	ug/l	99
46) Dibromomethane	9.516	93	179857	53.714	ug/l	97
47) Bromodichloromethane	9.698	83	348534	54.459	ug/l	99
48) Methyl methacrylate	9.498	41	263593	61.310	ug/l	92
49) 1,4-Dioxane	9.510	88	161560	1263.641	ug/l	94
51) 4-Methyl-2-Pentanone	10.269	43	2108865	310.431	ug/l	98
52) Toluene	10.445	92	639331	50.741	ug/l	99
53) t-1,3-Dichloropropene	10.663	75	347522	51.747	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	379454	51.641	ug/l	94
55) 1,1,2-Trichloroethane	10.839	97	269840	55.055	ug/l	99
56) Ethyl methacrylate	10.704	69	425002	60.797	ug/l	93
57) 1,3-Dichloropropane	10.986	76	447272	56.126	ug/l	99
59) 2-Hexanone	11.028	43	1668627	319.159	ug/l	98
60) Dibromochloromethane	11.180	129	287076	52.965	ug/l	100
61) 1,2-Dibromoethane	11.286	107	279506	53.317	ug/l	99
64) Tetrachloroethene	10.916	164	227908	43.941	ug/l	99
65) Chlorobenzene	11.710	112	702504	50.301	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	269168	50.896	ug/l	98
67) Ethyl Benzene	11.786	91	1225133	52.748	ug/l	99
68) m/p-Xylenes	11.892	106	965388	102.298	ug/l	99
69) o-Xylene	12.222	106	477708	50.479	ug/l	99
70) Styrene	12.233	104	799311	53.950	ug/l	99
71) Bromoform	12.398	173	238903	50.596	ug/l #	100
73) Isopropylbenzene	12.522	105	1216382	49.645	ug/l	99
74) N-amyl acetate	12.327	43	451490	48.744	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.769	83	448829	54.589	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	379588m	54.276	ug/l	
77) Bromobenzene	12.798	156	317383	47.856	ug/l	98
78) n-propylbenzene	12.863	91	1391256	53.269	ug/l	100
79) 2-Chlorotoluene	12.945	91	845886	51.972	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	1038188	52.094	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	122092	49.652	ug/l	99
82) 4-Chlorotoluene	13.045	91	816415	52.814	ug/l	98
83) tert-Butylbenzene	13.263	119	926089	50.498	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	1045784	52.548	ug/l	100
85) sec-Butylbenzene	13.439	105	1261131	53.051	ug/l	98
86) p-Isopropyltoluene	13.557	119	1082088	53.432	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	569012	49.474	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	562329	48.245	ug/l	98
89) n-Butylbenzene	13.880	91	828751	51.665	ug/l	100
90) Hexachloroethane	14.151	117	187053	50.530	ug/l	93
91) 1,2-Dichlorobenzene	13.927	146	579982	48.834	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	101978	52.530	ug/l	92
93) 1,2,4-Trichlorobenzene	15.198	180	339754	47.002	ug/l	99
94) Hexachlorobutadiene	15.304	225	170351	44.707	ug/l	98
95) Naphthalene	15.433	128	1207050	51.220	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	364936	48.844	ug/l	99

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

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