

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090622\
 Data File : VN074350.D
 Acq On : 06 Sep 2022 20:36
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090622

Quant Time: Sep 07 04:58:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090622W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 04:58:13 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/07/2022
 Supervised By : Mahesh Dadoda 09/07/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	647518	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.904	114	1179165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	1092647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	508674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	491164	48.371	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.740%		
35) Dibromofluoromethane	7.951	113	416333	51.384	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.760%		
50) Toluene-d8	10.380	98	1541147	51.917	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.840%		
62) 4-Bromofluorobenzene	12.669	95	552462	54.969	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.940%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	434549	50.075	ug/l	98
3) Chloromethane	2.269	50	397127	50.940	ug/l	98
4) Vinyl Chloride	2.405	62	604737	46.943	ug/l	95
5) Bromomethane	2.793	94	298203	55.208	ug/l	96
6) Chloroethane	2.963	64	434982	54.224	ug/l	94
7) Trichlorofluoromethane	3.316	101	691442	47.189	ug/l	98
8) Diethyl Ether	3.763	74	271016	49.073	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.146	101	389932	45.182	ug/l	94
10) Methyl Iodide	4.351	142	285852	56.241	ug/l	# 90
11) Tert butyl alcohol	5.281	59	485615	248.421	ug/l	100
12) 1,1-Dichloroethene	4.116	96	378769	47.463	ug/l	99
13) Acrolein	3.981	56	517434	246.178	ug/l	98
14) Allyl chloride	4.763	41	566131	47.342	ug/l	95
15) Acrylonitrile	5.475	53	1336410	240.986	ug/l	99
16) Acetone	4.216	43	1086711	255.849	ug/l	99
17) Carbon Disulfide	4.457	76	998651	46.368	ug/l	99
18) Methyl Acetate	4.775	43	591692	51.499	ug/l	98
19) Methyl tert-butyl Ether	5.528	73	1369946	50.169	ug/l	96
20) Methylene Chloride	5.016	84	452833	52.106	ug/l	100
21) trans-1,2-Dichloroethene	5.516	96	412105	46.859	ug/l	98
22) Diisopropyl ether	6.410	45	1349088	51.892	ug/l	96
23) Vinyl Acetate	6.351	43	5768078	268.558	ug/l	100
24) 1,1-Dichloroethane	6.304	63	781483	47.968	ug/l	97
25) 2-Butanone	7.257	43	1833379	239.178	ug/l	96
26) 2,2-Dichloropropane	7.245	77	561282	44.800	ug/l	100
27) cis-1,2-Dichloroethene	7.251	96	497397	48.122	ug/l	98
28) Bromochloromethane	7.581	49	213515	49.660	ug/l	93
29) Tetrahydrofuran	7.610	42	1247710	255.651	ug/l	97
30) Chloroform	7.745	83	866316	48.894	ug/l	99
31) Cyclohexane	8.022	56	738527	49.298	ug/l	99
32) 1,1,1-Trichloroethane	7.945	97	756199	49.837	ug/l	99
36) 1,1-Dichloropropene	8.151	75	630510	50.171	ug/l	98
37) Ethyl Acetate	7.334	43	729091	54.113	ug/l	99
38) Carbon Tetrachloride	8.134	117	664474	50.800	ug/l	99
39) Methylcyclohexane	9.398	83	781739	54.290	ug/l	96
40) Benzene	8.392	78	1941359	50.958	ug/l	96

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41) Methacrylonitrile	7.563	41	317162	51.145	ug/l	94
42) 1,2-Dichloroethane	8.463	62	684824	49.547	ug/l	100
43) Isopropyl Acetate	8.492	43	1068001	54.160	ug/l	99
44) Trichloroethene	9.151	130	468792	51.014	ug/l	95
45) 1,2-Dichloropropane	9.428	63	476776	49.691	ug/l	97
46) Dibromomethane	9.516	93	350854	49.476	ug/l #	87
47) Bromodichloromethane	9.698	83	681471	51.612	ug/l	97
48) Methyl methacrylate	9.498	41	524883	57.483	ug/l	99
49) 1,4-Dioxane	9.504	88	257783	1010.787	ug/l	96
51) 4-Methyl-2-Pentanone	10.269	43	3723386	268.037	ug/l	98
52) Toluene	10.445	92	1260840	52.773	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	700726	55.676	ug/l	97
54) cis-1,3-Dichloropropene	10.128	75	764008	54.073	ug/l	98
55) 1,1,2-Trichloroethane	10.839	97	499079	50.326	ug/l	97
56) Ethyl methacrylate	10.704	69	811725	58.868	ug/l	99
57) 1,3-Dichloropropane	10.986	76	862335	52.067	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	1749402	265.567	ug/l	98
59) 2-Hexanone	11.027	43	2885062	274.068	ug/l	99
60) Dibromochloromethane	11.180	129	542998	55.462	ug/l	100
61) 1,2-Dibromoethane	11.286	107	527945	54.488	ug/l	100
64) Tetrachloroethene	10.916	164	386975	52.355	ug/l	91
65) Chlorobenzene	11.710	112	1329750	50.567	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	484771	50.486	ug/l	98
67) Ethyl Benzene	11.786	91	2437210	53.291	ug/l	100
68) m/p-Xylenes	11.892	106	1871578	107.782	ug/l	96
69) o-Xylene	12.222	106	935106	54.456	ug/l	100
70) Styrene	12.233	104	1537993	55.878	ug/l	99
71) Bromoform	12.398	173	378108	53.779	ug/l	99
73) Isopropylbenzene	12.516	105	2411910	51.205	ug/l	99
74) N-amyl acetate	12.327	43	927859	54.824	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.769	83	822761	45.994	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	657451m	44.639	ug/l	
77) Bromobenzene	12.798	156	524988	49.479	ug/l	87
78) n-propylbenzene	12.857	91	2796620	52.995	ug/l	98
79) 2-Chlorotoluene	12.945	91	1665563	50.211	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	2017140	52.268	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	232353	51.800	ug/l	97
82) 4-Chlorotoluene	13.045	91	1607610	52.165	ug/l	98
83) tert-Butylbenzene	13.263	119	1766513	52.526	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	2013900	52.133	ug/l	97
85) sec-Butylbenzene	13.439	105	2504790	53.766	ug/l	97
86) p-Isopropyltoluene	13.551	119	2050754	55.158	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	970864	49.601	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	950382	49.298	ug/l	97
89) n-Butylbenzene	13.880	91	1699427	55.974	ug/l	97
90) Hexachloroethane	14.145	117	363623	50.284	ug/l	81
91) 1,2-Dichlorobenzene	13.927	146	971874	48.250	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	181926	47.503	ug/l	88
93) 1,2,4-Trichlorobenzene	15.198	180	504899	54.127	ug/l	96
94) Hexachlorobutadiene	15.298	225	219061	47.556	ug/l	98
95) Naphthalene	15.433	128	1979196	57.988	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	526724	54.137	ug/l	97

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

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