

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100924\
 Data File : VN084357.D
 Acq On : 09 Oct 2024 10:49
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 10 01:14:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 10/10/2024
 Supervised By :Mahesh Dadoda 10/10/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	159750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	269463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129123	54.515	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.020%			
35) Dibromofluoromethane	8.165	113	100308	56.465	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.920%			
50) Toluene-d8	10.565	98	378539	57.918	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 115.840%#			
62) 4-Bromofluorobenzene	12.847	95	139922	58.765	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 117.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	96923	51.293	ug/l	92
3) Chloromethane	2.359	50	106595	49.405	ug/l	98
4) Vinyl Chloride	2.512	62	104739	50.116	ug/l	98
5) Bromomethane	2.942	94	61059	44.293	ug/l	98
6) Chloroethane	3.112	64	65886	44.019	ug/l	92
7) Trichlorofluoromethane	3.489	101	174262	53.546	ug/l	99
8) Diethyl Ether	3.959	74	62567	51.837	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	101701	54.539	ug/l	100
10) Methyl Iodide	4.589	142	115492	48.093	ug/l #	94
11) Tert butyl alcohol	5.518	59	93570	239.578	ug/l	99
12) 1,1-Dichloroethene	4.336	96	95569	53.133	ug/l	99
13) Acrolein	4.177	56	138908	309.806	ug/l	99
14) Allyl chloride	5.018	41	150163	48.071	ug/l	97
15) Acrylonitrile	5.718	53	271274	275.048	ug/l	99
16) Acetone	4.424	43	287299	282.359	ug/l	98
17) Carbon Disulfide	4.712	76	263497	46.270	ug/l	99
18) Methyl Acetate	5.018	43	130118	58.672	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	330638	54.463	ug/l	97
20) Methylene Chloride	5.277	84	110696	53.519	ug/l	90
21) trans-1,2-Dichloroethene	5.789	96	102918	54.615	ug/l	99
22) Diisopropyl ether	6.671	45	354977	54.938	ug/l	100
23) Vinyl Acetate	6.600	43	1310909	273.539	ug/l	98
24) 1,1-Dichloroethane	6.565	63	197798	54.740	ug/l	98
25) 2-Butanone	7.483	43	380505	274.565	ug/l	98
26) 2,2-Dichloropropane	7.483	77	177494	54.479	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	122275	53.697	ug/l	100
28) Bromochloromethane	7.812	49	84469	52.393	ug/l	98
29) Tetrahydrofuran	7.841	42	237915	278.189	ug/l	100
30) Chloroform	7.965	83	205645	54.789	ug/l	99
31) Cyclohexane	8.253	56	164677	46.938	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	183711	54.499	ug/l	100
36) 1,1-Dichloropropene	8.371	75	142587	55.258	ug/l	99
37) Ethyl Acetate	7.559	43	150449	56.832	ug/l	99
38) Carbon Tetrachloride	8.359	117	158316	55.931	ug/l	99
39) Methylcyclohexane	9.600	83	157436	54.820	ug/l	100
40) Benzene	8.606	78	449086	55.859	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	83199	57.891	ug/l	98
42) 1,2-Dichloroethane	8.671	62	152015	55.774	ug/l	100
43) Isopropyl Acetate	8.688	43	244572	47.167	ug/l	98
44) Trichloroethene	9.353	130	102686	54.686	ug/l	99
45) 1,2-Dichloropropane	9.618	63	111082	58.407	ug/l	98
46) Dibromomethane	9.706	93	75776	59.041	ug/l	97
47) Bromodichloromethane	9.888	83	165609	58.079	ug/l	99
48) Methyl methacrylate	9.677	41	117852	57.097	ug/l	98
49) 1,4-Dioxane	9.694	88	44036	1158.843	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	745741	295.920	ug/l	99
52) Toluene	10.630	92	280214	57.157	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	169284	58.241	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	180575	57.758	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	104331	59.363	ug/l	97
56) Ethyl methacrylate	10.871	69	172672	59.708	ug/l	98
57) 1,3-Dichloropropane	11.159	76	180675	57.532	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	377467	281.369	ug/l	98
59) 2-Hexanone	11.194	43	570581	302.931	ug/l	99
60) Dibromochloromethane	11.359	129	124785	60.092	ug/l	100
61) 1,2-Dibromoethane	11.465	107	106511	58.323	ug/l	99
64) Tetrachloroethene	11.100	164	89979	52.920	ug/l	98
65) Chlorobenzene	11.888	112	298395	55.130	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	104902	56.269	ug/l	100
67) Ethyl Benzene	11.965	91	533608	55.747	ug/l	100
68) m/p-Xylenes	12.071	106	410017	115.800	ug/l	98
69) o-Xylene	12.394	106	194546	58.074	ug/l	100
70) Styrene	12.412	104	337654	59.507	ug/l	98
71) Bromoform	12.576	173	81812	59.606	ug/l #	99
73) Isopropylbenzene	12.694	105	499100	52.334	ug/l	100
74) N-amyl acetate	12.494	43	220933	51.159	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	151057	52.676	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	126639m	49.635	ug/l	
77) Bromobenzene	12.982	156	119702	52.035	ug/l	97
78) n-propylbenzene	13.035	91	604988	54.753	ug/l	100
79) 2-Chlorotoluene	13.123	91	364546	51.704	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	432584	55.607	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	55839	52.469	ug/l	94
82) 4-Chlorotoluene	13.223	91	373291	52.593	ug/l	99
83) tert-Butylbenzene	13.435	119	364810	52.762	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	432800	55.227	ug/l	99
85) sec-Butylbenzene	13.618	105	500080	54.200	ug/l	100
86) p-Isopropyltoluene	13.729	119	429083	56.239	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	226500	52.485	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	230309	52.847	ug/l	98
89) n-Butylbenzene	14.053	91	372487	53.842	ug/l	99
90) Hexachloroethane	14.329	117	78939	50.972	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	224995	53.171	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31040	52.453	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	112868	54.152	ug/l	99
94) Hexachlorobutadiene	15.500	225	50725	48.801	ug/l	98
95) Naphthalene	15.641	128	366721	53.073	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	111311	53.352	ug/l	98

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

