

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112124\
 Data File : VN084995.D
 Acq On : 21 Nov 2024 15:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 22 04:33:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	156906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	261929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	230917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117373	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.571	65	105661	46.624	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.240%
35) Dibromofluoromethane	8.159	113	86801	48.959	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.920%
50) Toluene-d8	10.565	98	302180	46.269	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.540%
62) 4-Bromofluorobenzene	12.847	95	115754	47.424	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.840%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.118	85	87167	48.325	ug/l	95
3) Chloromethane	2.359	50	92867	43.552	ug/l	99
4) Vinyl Chloride	2.512	62	91709	47.272	ug/l	99
5) Bromomethane	2.901	94	49834	48.482	ug/l	89
6) Chloroethane	3.071	64	60820	50.664	ug/l	96
7) Trichlorofluoromethane	3.465	101	168977	52.875	ug/l	99
8) Diethyl Ether	3.953	74	63268	56.121	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.353	101	98976	54.810	ug/l	97
10) Methyl Iodide	4.571	142	121173	50.207	ug/l	97
11) Tert butyl alcohol	5.536	59	98527	329.368	ug/l	99
12) 1,1-Dichloroethene	4.324	96	90050	50.396	ug/l	97
13) Acrolein	4.171	56	74528	249.848	ug/l	98
14) Allyl chloride	5.006	41	157248	54.265	ug/l	94
15) Acrylonitrile	5.712	53	263825	304.650	ug/l	98
16) Acetone	4.424	43	219423	336.167	ug/l	95
17) Carbon Disulfide	4.700	76	213315	38.766	ug/l	98
18) Methyl Acetate	5.018	43	142708	60.517	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	339035	61.904	ug/l	99
20) Methylene Chloride	5.259	84	104110	52.232	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	92501	50.416	ug/l	99
22) Diisopropyl ether	6.665	45	334631	58.116	ug/l	97
23) Vinyl Acetate	6.594	43	1214796	305.936	ug/l	98
24) 1,1-Dichloroethane	6.559	63	191773	55.475	ug/l	99
25) 2-Butanone	7.483	43	351346	332.311	ug/l	99
26) 2,2-Dichloropropane	7.483	77	180983	60.151	ug/l	100
27) cis-1,2-Dichloroethene	7.477	96	118935	55.516	ug/l	96
28) Bromochloromethane	7.806	49	70329	51.064	ug/l	96
29) Tetrahydrofuran	7.836	42	213586	304.507	ug/l	93
30) Chloroform	7.959	83	203260	57.768	ug/l	100
31) Cyclohexane	8.247	56	145217	46.413	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	183648	57.345	ug/l	97
36) 1,1-Dichloropropene	8.365	75	130775	53.185	ug/l	99
37) Ethyl Acetate	7.553	43	135473	60.726	ug/l	97
38) Carbon Tetrachloride	8.359	117	158823	57.788	ug/l	99
39) Methylcyclohexane	9.600	83	140064	55.993	ug/l	97
40) Benzene	8.600	78	423803	53.670	ug/l	100

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41) Methacrylonitrile	7.777	41	76600	63.850	ug/l	97
42) 1,2-Dichloroethane	8.671	62	146254	57.190	ug/l	100
43) Isopropyl Acetate	8.688	43	251654	61.278	ug/l	100
44) Trichloroethene	9.347	130	98149	53.895	ug/l	98
45) 1,2-Dichloropropane	9.618	63	106402	57.441	ug/l	100
46) Dibromomethane	9.706	93	75150	57.494	ug/l	99
47) Bromodichloromethane	9.882	83	159911	58.038	ug/l	99
48) Methyl methacrylate	9.677	41	111176	64.032	ug/l	98
49) 1,4-Dioxane	9.694	88	40244	1308.007	ug/l #	82
51) 4-Methyl-2-Pentanone	10.441	43	701880	330.030	ug/l	99
52) Toluene	10.629	92	262809	56.906	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	163935	57.480	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	175243	58.056	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	100467	57.751	ug/l	97
56) Ethyl methacrylate	10.871	69	168548	66.982	ug/l	97
57) 1,3-Dichloropropane	11.159	76	173149	57.994	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	317173	269.367	ug/l	97
59) 2-Hexanone	11.194	43	534881	345.529	ug/l	98
60) Dibromochloromethane	11.359	129	122055	61.561	ug/l	100
61) 1,2-Dibromoethane	11.465	107	103573	58.139	ug/l	100
64) Tetrachloroethene	11.100	164	83217	54.178	ug/l	97
65) Chlorobenzene	11.888	112	285830	55.329	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	107853	60.021	ug/l	97
67) Ethyl Benzene	11.965	91	503551	58.395	ug/l	99
68) m/p-Xylenes	12.071	106	382074	117.034	ug/l	100
69) o-Xylene	12.394	106	186229	60.979	ug/l	99
70) Styrene	12.412	104	324567	60.923	ug/l	99
71) Bromoform	12.576	173	82242	60.825	ug/l #	96
73) Isopropylbenzene	12.694	105	484232	58.872	ug/l	100
74) N-amyl acetate	12.494	43	213172	60.892	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	153851	56.038	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	124662m	53.133	ug/l	
77) Bromobenzene	12.982	156	116508	52.690	ug/l	96
78) n-propylbenzene	13.035	91	557690	57.860	ug/l	98
79) 2-Chlorotoluene	13.123	91	352474	55.967	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	410507	60.216	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	54024	54.627	ug/l	96
82) 4-Chlorotoluene	13.218	91	357810	53.985	ug/l	99
83) tert-Butylbenzene	13.435	119	357726	63.404	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	424415	60.320	ug/l	97
85) sec-Butylbenzene	13.612	105	475373	59.647	ug/l	99
86) p-Isopropyltoluene	13.729	119	406059	62.125	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	220876	51.184	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	223550	56.735	ug/l	98
89) n-Butylbenzene	14.053	91	350931	57.397	ug/l	100
90) Hexachloroethane	14.335	117	77311	53.039	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	221803	53.489	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31660	56.923	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	121241	53.417	ug/l	99
94) Hexachlorobutadiene	15.500	225	55078	55.259	ug/l	97
95) Naphthalene	15.641	128	386679	56.918	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	116984	53.096	ug/l	99

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

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