

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
 Data File : VN084031.D
 Acq On : 19 Sep 2024 13:44
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 20 01:28:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/20/2024
 Supervised By : Mahesh Dadoda 09/20/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	146863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	257163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	227303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111540	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110389	49.849	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.700%
35) Dibromofluoromethane	8.165	113	80184	48.705	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.400%
50) Toluene-d8	10.565	98	282134	49.572	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.140%
62) 4-Bromofluorobenzene	12.847	95	112242	47.800	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	77154	45.236	ug/l	99
3) Chloromethane	2.359	50	82021	46.981	ug/l	99
4) Vinyl Chloride	2.512	62	82677	44.225	ug/l	96
5) Bromomethane	2.942	94	54390	50.672	ug/l	98
6) Chloroethane	3.112	64	54331	41.431	ug/l #	87
7) Trichlorofluoromethane	3.489	101	149743	47.188	ug/l	96
8) Diethyl Ether	3.959	74	52375	49.237	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	82200	48.871	ug/l	99
10) Methyl Iodide	4.589	142	103432	48.351	ug/l	100
11) Tert butyl alcohol	5.518	59	95940	323.531	ug/l #	86
12) 1,1-Dichloroethene	4.342	96	75887	47.774	ug/l	100
13) Acrolein	4.177	56	71170	243.244	ug/l	99
14) Allyl chloride	5.018	41	134831	47.636	ug/l	94
15) Acrylonitrile	5.718	53	227627	282.260	ug/l	99
16) Acetone	4.430	43	236455	266.358	ug/l	97
17) Carbon Disulfide	4.706	76	182169	40.997	ug/l	99
18) Methyl Acetate	5.030	43	110852	60.315	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	300751	52.322	ug/l	99
20) Methylene Chloride	5.277	84	88818	48.892	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	78428	46.070	ug/l	87
22) Diisopropyl ether	6.671	45	308562	52.958	ug/l	96
23) Vinyl Acetate	6.600	43	1189772	278.838	ug/l	98
24) 1,1-Dichloroethane	6.571	63	166856	49.707	ug/l	98
25) 2-Butanone	7.483	43	331287	283.931	ug/l	99
26) 2,2-Dichloropropane	7.488	77	158873	51.392	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	99962	49.465	ug/l	97
28) Bromochloromethane	7.812	49	69121	48.896	ug/l	94
29) Tetrahydrofuran	7.841	42	204809	296.863	ug/l	98
30) Chloroform	7.965	83	180075	50.530	ug/l	97
31) Cyclohexane	8.253	56	134433	42.003	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	164790	50.289	ug/l	97
36) 1,1-Dichloropropene	8.371	75	118861	47.967	ug/l	99
37) Ethyl Acetate	7.559	43	131100	58.286	ug/l	97
38) Carbon Tetrachloride	8.359	117	141615	50.375	ug/l	98
39) Methylcyclohexane	9.600	83	131398	46.586	ug/l	97
40) Benzene	8.606	78	365462	49.000	ug/l	97

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41) Methacrylonitrile	7.777	41	74545	56.035	ug/l	98
42) 1,2-Dichloroethane	8.671	62	146183	52.453	ug/l	99
43) Isopropyl Acetate	8.688	43	241430	59.233	ug/l	100
44) Trichloroethene	9.353	130	84181	48.740	ug/l	87
45) 1,2-Dichloropropane	9.618	63	92432	51.276	ug/l	95
46) Dibromomethane	9.706	93	66945	53.020	ug/l	97
47) Bromodichloromethane	9.888	83	146453	53.595	ug/l	98
48) Methyl methacrylate	9.682	41	111855	57.842	ug/l	98
49) 1,4-Dioxane	9.694	88	36404	1144.348	ug/l #	99
51) 4-Methyl-2-Pentanone	10.441	43	682642	307.671	ug/l	97
52) Toluene	10.629	92	231815	50.814	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	150215	54.233	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	153373	52.715	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	87494	51.372	ug/l	96
56) Ethyl methacrylate	10.871	69	155498	59.342	ug/l	96
57) 1,3-Dichloropropane	11.165	76	154376	52.739	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	312267	330.730	ug/l	96
59) 2-Hexanone	11.194	43	506840	308.812	ug/l	97
60) Dibromochloromethane	11.359	129	105895	55.557	ug/l	100
61) 1,2-Dibromoethane	11.471	107	89542	52.716	ug/l	100
64) Tetrachloroethene	11.106	164	71743	47.461	ug/l	96
65) Chlorobenzene	11.888	112	244231	48.344	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	89827	51.290	ug/l	99
67) Ethyl Benzene	11.965	91	460936	51.361	ug/l	99
68) m/p-Xylenes	12.070	106	341731	102.565	ug/l	100
69) o-Xylene	12.400	106	167920	52.060	ug/l	97
70) Styrene	12.412	104	285676	53.967	ug/l	99
71) Bromoform	12.576	173	68288	57.863	ug/l #	99
73) Isopropylbenzene	12.694	105	437576	50.707	ug/l	99
74) N-amyl acetate	12.494	43	214428	58.240	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	131192	51.742	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	115858m	51.477	ug/l	
77) Bromobenzene	12.982	156	98829	47.578	ug/l	97
78) n-propylbenzene	13.035	91	513272	51.120	ug/l	100
79) 2-Chlorotoluene	13.123	91	317980	49.659	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	368827	50.695	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	47616	55.410	ug/l	86
82) 4-Chlorotoluene	13.217	91	324822	50.550	ug/l	99
83) tert-Butylbenzene	13.435	119	321593	50.523	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	374997	51.311	ug/l	99
85) sec-Butylbenzene	13.617	105	439317	52.041	ug/l	99
86) p-Isopropyltoluene	13.729	119	367438	51.924	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	188799	48.161	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	187649	47.273	ug/l	99
89) n-Butylbenzene	14.053	91	325146	51.176	ug/l	99
90) Hexachloroethane	14.335	117	69663	48.973	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	188073	49.711	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28603	56.591	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	93010	45.813	ug/l	99
94) Hexachlorobutadiene	15.500	225	39704	46.050	ug/l	99
95) Naphthalene	15.641	128	322475	52.208	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	90554	46.670	ug/l	99

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

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