

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093024\
 Data File : VN084212.D
 Acq On : 30 Sep 2024 11:45
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 01 07:14:08 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 10/01/2024
 Supervised By : Mahesh Dadoda 10/01/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	166706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	279848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	123066	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.576	65	107898	43.653	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.300%
35) Dibromofluoromethane	8.165	113	86084	46.660	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.320%
50) Toluene-d8	10.565	98	303912	44.774	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.540%
62) 4-Bromofluorobenzene	12.847	95	123082	49.774	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.540%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	124897	63.339	ug/l	93
3) Chloromethane	2.359	50	131798	58.537	ug/l	96
4) Vinyl Chloride	2.518	62	133818	61.358	ug/l	98
5) Bromomethane	2.947	94	81538	56.680	ug/l	97
6) Chloroethane	3.118	64	80741	51.693	ug/l	97
7) Trichlorofluoromethane	3.494	101	208374	61.356	ug/l	97
8) Diethyl Ether	3.959	74	74772	59.363	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	118194	60.738	ug/l	99
10) Methyl Iodide	4.583	142	156205	62.332	ug/l	97
11) Tert butyl alcohol	5.518	59	106890	262.263	ug/l	99
12) 1,1-Dichloroethene	4.341	96	113152	60.284	ug/l	95
13) Acrolein	4.177	56	102393	218.838	ug/l	100
14) Allyl chloride	5.018	41	191705	58.809	ug/l	100
15) Acrylonitrile	5.718	53	290704	282.450	ug/l	99
16) Acetone	4.424	43	305605	287.817	ug/l	100
17) Carbon Disulfide	4.712	76	333196	56.068	ug/l	99
18) Methyl Acetate	5.024	43	151812	65.598	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	389712	61.516	ug/l	98
20) Methylene Chloride	5.277	84	128284	59.434	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	116875	59.434	ug/l	93
22) Diisopropyl ether	6.671	45	423186	62.761	ug/l	98
23) Vinyl Acetate	6.600	43	2164753	432.857	ug/l	99
24) 1,1-Dichloroethane	6.565	63	231160	61.304	ug/l	98
25) 2-Butanone	7.482	43	404423	279.647	ug/l	100
26) 2,2-Dichloropropane	7.488	77	211222	62.127	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	143651	60.452	ug/l	100
28) Bromochloromethane	7.812	49	76536	45.492	ug/l	99
29) Tetrahydrofuran	7.835	42	252749	283.202	ug/l	99
30) Chloroform	7.965	83	234151	59.781	ug/l	99
31) Cyclohexane	8.259	56	200946	54.886	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	214098	60.863	ug/l	99
36) 1,1-Dichloropropene	8.371	75	170251	63.531	ug/l	100
37) Ethyl Acetate	7.559	43	162501	59.107	ug/l	99
38) Carbon Tetrachloride	8.359	117	184903	62.900	ug/l	95
39) Methylcyclohexane	9.600	83	201618	67.599	ug/l	99
40) Benzene	8.606	78	518277	62.073	ug/l	100

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41) Methacrylonitrile	7.777	41	88024	58.975	ug/l	96
42) 1,2-Dichloroethane	8.671	62	175984	62.172	ug/l	100
43) Isopropyl Acetate	8.688	43	293707	54.542	ug/l	99
44) Trichloroethene	9.353	130	121115	62.107	ug/l	100
45) 1,2-Dichloropropane	9.618	63	126817	64.206	ug/l	100
46) Dibromomethane	9.706	93	85203	63.923	ug/l	98
47) Bromodichloromethane	9.888	83	188325	63.595	ug/l	99
48) Methyl methacrylate	9.682	41	136955	63.889	ug/l	98
49) 1,4-Dioxane	9.694	88	44301	1122.554	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	809070	309.136	ug/l	100
52) Toluene	10.629	92	321754	63.194	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	199861	66.209	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	212493	65.445	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	115559	63.311	ug/l	96
56) Ethyl methacrylate	10.870	69	202395	67.389	ug/l	98
57) 1,3-Dichloropropane	11.159	76	205633	63.049	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	378764	271.858	ug/l	99
59) 2-Hexanone	11.194	43	612607	313.173	ug/l	99
60) Dibromochloromethane	11.359	129	139016	64.461	ug/l	99
61) 1,2-Dibromoethane	11.465	107	117475	61.940	ug/l	100
64) Tetrachloroethene	11.100	164	105139	60.729	ug/l	98
65) Chlorobenzene	11.888	112	337364	61.213	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	119934	63.180	ug/l	99
67) Ethyl Benzene	11.964	91	625961	64.224	ug/l	100
68) m/p-Xylenes	12.070	106	471405	130.753	ug/l	100
69) o-Xylene	12.394	106	224628	65.853	ug/l	99
70) Styrene	12.412	104	389591	67.430	ug/l	100
71) Bromoform	12.576	173	90114	64.478	ug/l #	98
73) Isopropylbenzene	12.694	105	581439	61.914	ug/l	100
74) N-amyl acetate	12.494	43	251246	59.081	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	159400	56.448	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	138824m	55.255	ug/l	
77) Bromobenzene	12.982	156	135396	59.771	ug/l	96
78) n-propylbenzene	13.035	91	700020	64.337	ug/l	99
79) 2-Chlorotoluene	13.123	91	421082	60.649	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	490588	64.042	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	68594	65.455	ug/l	92
82) 4-Chlorotoluene	13.217	91	429939	61.515	ug/l	100
83) tert-Butylbenzene	13.435	119	423969	62.270	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	497957	64.527	ug/l	98
85) sec-Butylbenzene	13.617	105	591966	65.155	ug/l	99
86) p-Isopropyltoluene	13.729	119	499315	66.460	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	253703	59.701	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	253675	59.112	ug/l	99
89) n-Butylbenzene	14.053	91	448267	65.801	ug/l	100
90) Hexachloroethane	14.335	117	91397	59.932	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	242185	58.121	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	32062	55.021	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	129434	63.064	ug/l	100
94) Hexachlorobutadiene	15.500	225	57268	55.951	ug/l	99
95) Naphthalene	15.641	128	410686	60.358	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	125687	61.177	ug/l	99

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QLast Update : Tue Oct 01 07:11:01 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

