

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040125\
 Data File : VN086191.D
 Acq On : 01 Apr 2025 12:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 02 01:51:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	131862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	204993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	195897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	97838	54.185	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.360%			
35) Dibromofluoromethane	8.165	113	74351	51.964	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.920%			
50) Toluene-d8	10.565	98	283232	54.542	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.080%			
62) 4-Bromofluorobenzene	12.847	95	105921	57.194	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 114.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	105974	60.662	ug/l	98
3) Chloromethane	2.359	50	86301	56.350	ug/l	98
4) Vinyl Chloride	2.506	62	91233	58.261	ug/l	99
5) Bromomethane	2.936	94	50856	47.678	ug/l	98
6) Chloroethane	3.106	64	48523	49.119	ug/l	95
7) Trichlorofluoromethane	3.489	101	140135	49.782	ug/l	99
8) Diethyl Ether	3.959	74	36707	42.596	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	70730	47.277	ug/l	99
10) Methyl Iodide	4.583	142	94384	48.417	ug/l	93
11) Tert butyl alcohol	5.524	59	56164	219.694	ug/l	98
12) 1,1-Dichloroethene	4.336	96	63208	46.789	ug/l	96
13) Acrolein	4.177	56	49816	182.699	ug/l	94
14) Allyl chloride	5.018	41	67909	40.294	ug/l	93
15) Acrylonitrile	5.718	53	159244	235.861	ug/l	98
16) Acetone	4.424	43	116296	210.819	ug/l	97
17) Carbon Disulfide	4.712	76	194846	43.857	ug/l	99
18) Methyl Acetate	5.024	43	63507	46.530	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	217945	49.233	ug/l	100
20) Methylene Chloride	5.277	84	77510	48.030	ug/l	96
21) trans-1,2-Dichloroethene	5.788	96	73509	49.791	ug/l	96
22) Diisopropyl ether	6.671	45	172108	47.921	ug/l	99
23) Vinyl Acetate	6.600	43	656603	241.172	ug/l	98
24) 1,1-Dichloroethane	6.565	63	127834	48.404	ug/l	100
25) 2-Butanone	7.482	43	185831	233.461	ug/l	100
26) 2,2-Dichloropropane	7.488	77	120377	47.344	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	85938	51.224	ug/l	98
28) Bromochloromethane	7.812	49	54285	48.515	ug/l	99
29) Tetrahydrofuran	7.835	42	124704	253.767	ug/l	98
30) Chloroform	7.965	83	151272	51.821	ug/l	97
31) Cyclohexane	8.253	56	105197	46.757	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	146295	52.943	ug/l	98
36) 1,1-Dichloropropene	8.371	75	101016	53.617	ug/l	99
37) Ethyl Acetate	7.559	43	77375	48.680	ug/l	100
38) Carbon Tetrachloride	8.359	117	141628	57.173	ug/l	98
39) Methylcyclohexane	9.600	83	96125	51.425	ug/l	90
40) Benzene	8.606	78	317513	53.684	ug/l	96

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41) Methacrylonitrile	7.777	41	41220	54.310	ug/l	96
42) 1,2-Dichloroethane	8.665	62	113538	55.093	ug/l	99
43) Isopropyl Acetate	8.688	43	135463	39.330	ug/l	99
44) Trichloroethene	9.353	130	75257	49.095	ug/l	95
45) 1,2-Dichloropropane	9.618	63	70881	52.691	ug/l	92
46) Dibromomethane	9.706	93	58614	55.405	ug/l	99
47) Bromodichloromethane	9.888	83	122368	55.345	ug/l	99
48) Methyl methacrylate	9.676	41	61608	54.205	ug/l	96
49) 1,4-Dioxane	9.694	88	30471	1134.096	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	433441	285.346	ug/l	99
52) Toluene	10.629	92	212069	58.421	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	115814	53.936	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	121877	53.797	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	77847	56.188	ug/l	96
56) Ethyl methacrylate	10.871	69	111441	51.295	ug/l	98
57) 1,3-Dichloropropane	11.159	76	132157	56.160	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	263133	304.296	ug/l	99
59) 2-Hexanone	11.194	43	321084	290.158	ug/l	99
60) Dibromochloromethane	11.359	129	102372	57.261	ug/l	99
61) 1,2-Dibromoethane	11.470	107	78903	55.473	ug/l	98
64) Tetrachloroethene	11.100	164	80488	51.506	ug/l	97
65) Chlorobenzene	11.888	112	225670	50.343	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	87978	52.796	ug/l	98
67) Ethyl Benzene	11.965	91	386894	53.956	ug/l	99
68) m/p-Xylenes	12.070	106	317096	112.511	ug/l	98
69) o-Xylene	12.394	106	145782	56.358	ug/l	100
70) Styrene	12.412	104	260792	59.027	ug/l	99
71) Bromoform	12.576	173	73884	53.039	ug/l #	99
73) Isopropylbenzene	12.694	105	373293	48.987	ug/l	100
74) N-amyl acetate	12.494	43	119388	46.828	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	114711	44.496	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	113386m	45.386	ug/l	
77) Bromobenzene	12.976	156	100250	47.181	ug/l	97
78) n-propylbenzene	13.035	91	443917	51.446	ug/l	100
79) 2-Chlorotoluene	13.123	91	281383	49.095	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	340956	52.995	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	40484	42.843	ug/l	92
82) 4-Chlorotoluene	13.217	91	295029	50.057	ug/l	99
83) tert-Butylbenzene	13.435	119	265994	48.341	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	347644	53.574	ug/l	100
85) sec-Butylbenzene	13.617	105	372684	51.919	ug/l	99
86) p-Isopropyltoluene	13.729	119	322242	53.032	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	188702	49.269	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	184771	45.917	ug/l	99
89) n-Butylbenzene	14.053	91	244714	49.455	ug/l	99
90) Hexachloroethane	14.335	117	64371	45.911	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	181781	47.744	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24548	47.702	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	83568	43.652	ug/l	97
94) Hexachlorobutadiene	15.500	225	46500	41.866	ug/l	98
95) Naphthalene	15.641	128	249688	45.041	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	84562	46.550	ug/l	100

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

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