

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
 Data File : VN086118.D
 Acq On : 26 Mar 2025 11:38
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 27 01:32:30 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 : John Carlone 03/28/2025
 Supervised By : Mahesh Dadoda 03/28/2025

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 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	196436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	311095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	292741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	164861	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	139980	52.040	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.080%	
35) Dibromofluoromethane	8.165	113	115364	53.129	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.260%	
50) Toluene-d8	10.565	98	442033	56.091	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.180%	
62) 4-Bromofluorobenzene	12.847	95	156447	55.665	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 111.340%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	120742	46.395	ug/l	98
3) Chloromethane	2.359	50	117088	51.321	ug/l	100
4) Vinyl Chloride	2.512	62	127987	54.865	ug/l	98
5) Bromomethane	2.942	94	78265	49.254	ug/l	93
6) Chloroethane	3.112	64	81091	55.103	ug/l	92
7) Trichlorofluoromethane	3.494	101	201536	48.060	ug/l	96
8) Diethyl Ether	3.959	74	65177	50.771	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.365	101	115286	51.727	ug/l	98
10) Methyl Iodide	4.583	142	146897	50.584	ug/l	96
11) Tert butyl alcohol	5.518	59	81743	214.639	ug/l	97
12) 1,1-Dichloroethene	4.341	96	103871	51.613	ug/l	99
13) Acrolein	4.177	56	80015	196.987	ug/l	96
14) Allyl chloride	5.024	41	120711	48.079	ug/l	99
15) Acrylonitrile	5.718	53	280742	279.125	ug/l	99
16) Acetone	4.430	43	203864	248.075	ug/l	97
17) Carbon Disulfide	4.706	76	306462	46.304	ug/l	99
18) Methyl Acetate	5.024	43	123119	60.553	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	340162	51.581	ug/l	99
20) Methylene Chloride	5.277	84	128147	53.304	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	116817	53.115	ug/l	99
22) Diisopropyl ether	6.671	45	315525	58.974	ug/l	97
23) Vinyl Acetate	6.600	43	1133746	279.536	ug/l	98
24) 1,1-Dichloroethane	6.565	63	213883	54.364	ug/l	99
25) 2-Butanone	7.482	43	321407	271.050	ug/l	95
26) 2,2-Dichloropropane	7.488	77	187312	49.452	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	135805	54.338	ug/l	99
28) Bromochloromethane	7.812	49	95539	57.316	ug/l	95
29) Tetrahydrofuran	7.835	42	223519	305.329	ug/l	95
30) Chloroform	7.965	83	227190	52.243	ug/l	98
31) Cyclohexane	8.253	56	171130	51.059	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	206611	50.192	ug/l	99
36) 1,1-Dichloropropene	8.371	75	156110	54.599	ug/l	100
37) Ethyl Acetate	7.559	43	134523	55.769	ug/l	99
38) Carbon Tetrachloride	8.359	117	195481	51.998	ug/l	94
39) Methylcyclohexane	9.600	83	149493	52.699	ug/l	92
40) Benzene	8.606	78	497717	55.451	ug/l	99

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41) Methacrylonitrile	7.777	41	67268	58.402	ug/l	97
42) 1,2-Dichloroethane	8.665	62	160761	51.402	ug/l	98
43) Isopropyl Acetate	8.688	43	219356	41.966	ug/l	97
44) Trichloroethene	9.347	130	111720	48.025	ug/l	94
45) 1,2-Dichloropropane	9.618	63	119985	58.773	ug/l	99
46) Dibromomethane	9.706	93	88261	54.975	ug/l	99
47) Bromodichloromethane	9.888	83	183335	54.639	ug/l	97
48) Methyl methacrylate	9.676	41	99046	57.423	ug/l	98
49) 1,4-Dioxane	9.694	88	46479	1139.898	ug/l	91
51) 4-Methyl-2-Pentanone	10.441	43	720953	312.748	ug/l	97
52) Toluene	10.629	92	318743	57.860	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	176812	54.260	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	190167	55.312	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	122289	58.161	ug/l	95
56) Ethyl methacrylate	10.870	69	174716	52.696	ug/l	99
57) 1,3-Dichloropropane	11.159	76	202658	56.748	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	396989	302.859	ug/l	97
59) 2-Hexanone	11.194	43	532648	317.178	ug/l	96
60) Dibromochloromethane	11.359	129	151243	55.744	ug/l	98
61) 1,2-Dibromoethane	11.465	107	120130	55.653	ug/l	98
64) Tetrachloroethene	11.100	164	117394	50.271	ug/l	95
65) Chlorobenzene	11.888	112	340722	50.864	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	130449	52.386	ug/l	98
67) Ethyl Benzene	11.964	91	589509	55.015	ug/l	100
68) m/p-Xylenes	12.070	106	483923	114.901	ug/l	97
69) o-Xylene	12.394	106	219142	56.692	ug/l	99
70) Styrene	12.406	104	388099	58.782	ug/l	98
71) Bromoform	12.576	173	107573	51.677	ug/l #	100
73) Isopropylbenzene	12.694	105	548846	48.751	ug/l	99
74) N-amyl acetate	12.494	43	192718	51.165	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	179498	47.127	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	173395m	46.979	ug/l	
77) Bromobenzene	12.976	156	147984	47.141	ug/l	99
78) n-propylbenzene	13.035	91	663795	52.070	ug/l	100
79) 2-Chlorotoluene	13.123	91	417145	49.264	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	493169	51.885	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	71462	51.189	ug/l	97
82) 4-Chlorotoluene	13.217	91	430084	49.392	ug/l	98
83) tert-Butylbenzene	13.435	119	406995	50.065	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	501477	52.308	ug/l	99
85) sec-Butylbenzene	13.611	105	555627	52.393	ug/l	99
86) p-Isopropyltoluene	13.729	119	470828	52.447	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	279371	49.372	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	275793	46.390	ug/l	99
89) n-Butylbenzene	14.053	91	367014	50.204	ug/l	100
90) Hexachloroethane	14.329	117	95375	46.043	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	267146	47.492	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	35232	46.340	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	118927	42.048	ug/l	97
94) Hexachlorobutadiene	15.494	225	65411	39.862	ug/l	99
95) Naphthalene	15.641	128	359051	43.840	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	120321	44.833	ug/l	97

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

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