

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012725\
 Data File : VN085516.D
 Acq On : 27 Jan 2025 14:50
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 28 01:58:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/28/2025
 Supervised By : Mahesh Dadoda 01/28/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	179985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	325755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	284425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	139987	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.571	65	149158	51.339	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.680%
35) Dibromofluoromethane	8.159	113	106514	47.131	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.260%
50) Toluene-d8	10.565	98	374598	46.653	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.300%
62) 4-Bromofluorobenzene	12.847	95	137149	49.932	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.860%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	98492	40.416	ug/l	99
3) Chloromethane	2.359	50	115040	43.600	ug/l	97
4) Vinyl Chloride	2.512	62	113887	42.942	ug/l	99
5) Bromomethane	2.947	94	77780	48.552	ug/l	98
6) Chloroethane	3.112	64	78161	46.485	ug/l	99
7) Trichlorofluoromethane	3.500	101	173314	45.038	ug/l	96
8) Diethyl Ether	3.959	74	71832	54.034	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	94271	43.494	ug/l	99
10) Methyl Iodide	4.583	142	133520	53.794	ug/l	99
11) Tert butyl alcohol	5.506	59	112021	336.724	ug/l	99
12) 1,1-Dichloroethene	4.336	96	91993	47.624	ug/l	97
13) Acrolein	4.177	56	160387	353.168	ug/l	100
14) Allyl chloride	5.018	41	159700	50.950	ug/l	99
15) Acrylonitrile	5.712	53	305102	288.732	ug/l	100
16) Acetone	4.418	43	252464	268.940	ug/l	98
17) Carbon Disulfide	4.706	76	236084	39.695	ug/l	99
18) Methyl Acetate	5.018	43	170799	59.834	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	390940	62.329	ug/l	97
20) Methylene Chloride	5.265	84	121237	52.169	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	100114	48.496	ug/l	92
22) Diisopropyl ether	6.665	45	406897	58.486	ug/l	100
23) Vinyl Acetate	6.594	43	1459713	299.808	ug/l	99
24) 1,1-Dichloroethane	6.559	63	222305	52.404	ug/l	100
25) 2-Butanone	7.477	43	389978	282.299	ug/l	99
26) 2,2-Dichloropropane	7.482	77	179985	52.477	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	131013	53.882	ug/l	99
28) Bromochloromethane	7.806	49	90452	45.830	ug/l	100
29) Tetrahydrofuran	7.829	42	259786	296.615	ug/l	100
30) Chloroform	7.959	83	231016	52.690	ug/l	100
31) Cyclohexane	8.253	56	148377	40.242	ug/l	99
32) 1,1,1-Trichloroethane	8.159	97	188991	49.141	ug/l	99
36) 1,1-Dichloropropene	8.365	75	141489	44.609	ug/l	99
37) Ethyl Acetate	7.553	43	168512	52.636	ug/l	99
38) Carbon Tetrachloride	8.359	117	160567	44.219	ug/l	96
39) Methylcyclohexane	9.600	83	130155	43.668	ug/l	99
40) Benzene	8.600	78	465760	48.872	ug/l	100

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41) Methacrylonitrile	7.771	41	94372	56.659	ug/l	98
42) 1,2-Dichloroethane	8.665	62	183306	51.070	ug/l	99
43) Isopropyl Acetate	8.682	43	281936	54.960	ug/l	100
44) Trichloroethene	9.347	130	105110	47.381	ug/l	95
45) 1,2-Dichloropropane	9.618	63	123088	50.565	ug/l	97
46) Dibromomethane	9.700	93	88504	50.387	ug/l	95
47) Bromodichloromethane	9.882	83	190039	53.106	ug/l	99
48) Methyl methacrylate	9.676	41	132510	57.400	ug/l	98
49) 1,4-Dioxane	9.688	88	40696	1046.827	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	851970	286.205	ug/l	99
52) Toluene	10.623	92	285545	51.711	ug/l	98
53) t-1,3-Dichloropropene	10.829	75	190140	56.226	ug/l	97
54) cis-1,3-Dichloropropene	10.306	75	199604	55.257	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	116373	53.253	ug/l	96
56) Ethyl methacrylate	10.870	69	189137	51.325	ug/l	99
57) 1,3-Dichloropropane	11.159	76	205868	54.178	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	413395	298.097	ug/l	100
59) 2-Hexanone	11.194	43	610023	291.243	ug/l	99
60) Dibromochloromethane	11.353	129	142167	53.886	ug/l	98
61) 1,2-Dibromoethane	11.465	107	116327	53.477	ug/l	98
64) Tetrachloroethene	11.100	164	91013	46.937	ug/l	98
65) Chlorobenzene	11.888	112	311291	49.960	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	117864	51.540	ug/l	99
67) Ethyl Benzene	11.959	91	526713	51.901	ug/l	99
68) m/p-Xylenes	12.064	106	401289	106.992	ug/l	100
69) o-Xylene	12.394	106	196078	54.703	ug/l	100
70) Styrene	12.406	104	344386	58.055	ug/l	99
71) Bromoform	12.576	173	94532	57.773	ug/l #	100
73) Isopropylbenzene	12.694	105	477865	50.579	ug/l	99
74) N-amyl acetate	12.488	43	240341	56.596	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	171698	51.447	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	161908m	56.904	ug/l	
77) Bromobenzene	12.976	156	127105	51.493	ug/l	99
78) n-propylbenzene	13.029	91	573848	51.306	ug/l	100
79) 2-Chlorotoluene	13.123	91	366620	50.647	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	414375	53.097	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	59274	56.364	ug/l	97
82) 4-Chlorotoluene	13.217	91	375177	52.054	ug/l	99
83) tert-Butylbenzene	13.435	119	333841	50.940	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	424105	54.525	ug/l	99
85) sec-Butylbenzene	13.611	105	467115	51.427	ug/l	100
86) p-Isopropyltoluene	13.723	119	391206	48.059	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	228057	50.168	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	229002	48.601	ug/l	98
89) n-Butylbenzene	14.053	91	339784	52.144	ug/l	99
90) Hexachloroethane	14.329	117	80633	46.631	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	226400	49.930	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	32340	53.066	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	113032	53.634	ug/l	99
94) Hexachlorobutadiene	15.500	225	50610	45.233	ug/l	99
95) Naphthalene	15.641	128	356931	56.757	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	113736	53.337	ug/l	97

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

