

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
 Data File : VN085505.D
 Acq On : 17 Jan 2025 19:36
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
 Supervised By :Semsettin Yesilyurt 01/21/2025

Quant Time: Jan 17 22:41:33 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	197600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	342117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	301432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	147458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	155474	48.743	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.480%		
35) Dibromofluoromethane	8.165	113	114202	48.116	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.240%		
50) Toluene-d8	10.565	98	417940	49.561	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.120%		
62) 4-Bromofluorobenzene	12.847	95	151584	52.548	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	105.100%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	121401	45.376	ug/l	100
3) Chloromethane	2.359	50	129401	44.671	ug/l	100
4) Vinyl Chloride	2.512	62	133096	45.711	ug/l	99
5) Bromomethane	2.948	94	74132	42.150	ug/l	91
6) Chloroethane	3.118	64	86904	47.078	ug/l	98
7) Trichlorofluoromethane	3.500	101	199679	47.264	ug/l	99
8) Diethyl Ether	3.959	74	68298	46.796	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	110304	46.355	ug/l	99
10) Methyl Iodide	4.589	142	136132	49.957	ug/l	97
11) Tert butyl alcohol	5.512	59	99556	272.578	ug/l	100
12) 1,1-Dichloroethene	4.342	96	103501	48.805	ug/l	97
13) Acrolein	4.177	56	156704	314.298	ug/l	98
14) Allyl chloride	5.024	41	166317	48.331	ug/l	99
15) Acrylonitrile	5.718	53	299275	257.970	ug/l	99
16) Acetone	4.418	43	255382	247.797	ug/l	98
17) Carbon Disulfide	4.712	76	276486	42.343	ug/l	98
18) Methyl Acetate	5.024	43	163757	52.253	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	372560	54.103	ug/l	98
20) Methylene Chloride	5.277	84	121440	47.598	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	106168	46.844	ug/l	97
22) Diisopropyl ether	6.671	45	402255	52.665	ug/l	99
23) Vinyl Acetate	6.600	43	1482096	277.269	ug/l	98
24) 1,1-Dichloroethane	6.565	63	226821	48.702	ug/l	99
25) 2-Butanone	7.477	43	402809	265.594	ug/l	99
26) 2,2-Dichloropropane	7.488	77	189596	50.352	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	130346	48.829	ug/l	96
28) Bromochloromethane	7.806	49	101114	46.666	ug/l	99
29) Tetrahydrofuran	7.835	42	267724	278.429	ug/l	99
30) Chloroform	7.965	83	232191	48.237	ug/l	99
31) Cyclohexane	8.253	56	176044	43.489	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	202523	47.965	ug/l	97
36) 1,1-Dichloropropene	8.371	75	157440	47.264	ug/l	99
37) Ethyl Acetate	7.559	43	168964	50.253	ug/l	98
38) Carbon Tetrachloride	8.359	117	180918	47.441	ug/l	99
39) Methylcyclohexane	9.600	83	150618	48.117	ug/l	99
40) Benzene	8.606	78	481605	48.118	ug/l	100

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41) Methacrylonitrile	7.777	41	89261	51.028	ug/l	98
42) 1,2-Dichloroethane	8.665	62	183481	48.674	ug/l	99
43) Isopropyl Acetate	8.688	43	307481	57.073	ug/l	96
44) Trichloroethene	9.347	130	108123	46.408	ug/l	93
45) 1,2-Dichloropropane	9.618	63	124938	48.870	ug/l	99
46) Dibromomethane	9.706	93	87173	47.256	ug/l	98
47) Bromodichloromethane	9.888	83	186947	49.744	ug/l	100
48) Methyl methacrylate	9.682	41	136121	56.144	ug/l	98
49) 1,4-Dioxane	9.688	88	37549	919.683	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	873294	279.338	ug/l	99
52) Toluene	10.629	92	300358	51.792	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	185819	52.320	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	197573	52.079	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	113467	49.440	ug/l	98
56) Ethyl methacrylate	10.871	69	187164	48.472	ug/l	98
57) 1,3-Dichloropropane	11.159	76	205967	51.612	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	395818	271.771	ug/l	100
59) 2-Hexanone	11.194	43	629561	286.196	ug/l	99
60) Dibromochloromethane	11.359	129	138276	49.905	ug/l	100
61) 1,2-Dibromoethane	11.465	107	112402	49.201	ug/l	99
64) Tetrachloroethene	11.100	164	89304	43.458	ug/l	97
65) Chlorobenzene	11.888	112	319848	48.437	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	118521	48.904	ug/l	98
67) Ethyl Benzene	11.965	91	568526	52.861	ug/l	100
68) m/p-Xylenes	12.070	106	425982	107.167	ug/l	100
69) o-Xylene	12.394	106	206201	54.282	ug/l	100
70) Styrene	12.412	104	356078	56.639	ug/l	100
71) Bromoform	12.576	173	92165	53.148	ug/l #	98
73) Isopropylbenzene	12.694	105	518528	52.102	ug/l	99
74) N-amyl acetate	12.494	43	248070	55.456	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	173160	49.256	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	161169m	53.775	ug/l	
77) Bromobenzene	12.976	156	125717	48.350	ug/l	98
78) n-propylbenzene	13.035	91	621677	52.766	ug/l	99
79) 2-Chlorotoluene	13.123	91	382510	50.165	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	439181	53.425	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	60577m	54.684	ug/l	
82) 4-Chlorotoluene	13.217	91	386219	50.871	ug/l	99
83) tert-Butylbenzene	13.435	119	358844	51.981	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	444686	54.275	ug/l	99
85) sec-Butylbenzene	13.612	105	503398	52.613	ug/l	100
86) p-Isopropyltoluene	13.729	119	419259	48.806	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	227986	47.612	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	225704	45.474	ug/l	100
89) n-Butylbenzene	14.053	91	346010	50.409	ug/l	99
90) Hexachloroethane	14.329	117	83350	45.760	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	222236	46.528	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	32835	51.148	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	105560	47.551	ug/l	99
94) Hexachlorobutadiene	15.500	225	49987	42.413	ug/l	99
95) Naphthalene	15.635	128	341067	51.487	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	105633	47.027	ug/l	99

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

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