

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
 Data File : VN085591.D
 Acq On : 31 Jan 2025 10:04
 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 31 22:23:10 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 :Mahesh Dadoda 02/03/2025
 Supervised By :Semsettin Yesilyurt 02/03/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	190291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	311950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	284481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	145646	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	152459	49.634	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.260%
35) Dibromofluoromethane	8.165	113	116708	53.927	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.860%
50) Toluene-d8	10.565	98	415377	54.021	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.040%
62) 4-Bromofluorobenzene	12.847	95	147501	56.078	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	112.160%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	103770	40.276	ug/l	99
3) Chloromethane	2.359	50	110719	39.689	ug/l	99
4) Vinyl Chloride	2.512	62	120110	42.836	ug/l	97
5) Bromomethane	2.948	94	72429	42.763	ug/l	98
6) Chloroethane	3.112	64	81085	45.613	ug/l	99
7) Trichlorofluoromethane	3.501	101	191046	46.958	ug/l	99
8) Diethyl Ether	3.953	74	61086	43.462	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	110162	48.073	ug/l	99
10) Methyl Iodide	4.589	142	122885	46.827	ug/l	96
11) Tert butyl alcohol	5.506	59	102478	291.355	ug/l	100
12) 1,1-Dichloroethene	4.336	96	94663	46.352	ug/l	98
13) Acrolein	4.183	56	90056	187.561	ug/l	97
14) Allyl chloride	5.024	41	143367	43.262	ug/l	98
15) Acrylonitrile	5.712	53	279267	249.970	ug/l	99
16) Acetone	4.424	43	238111	239.913	ug/l	99
17) Carbon Disulfide	4.706	76	231929	36.884	ug/l	100
18) Methyl Acetate	5.018	43	163080	54.036	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	343910	51.861	ug/l	97
20) Methylene Chloride	5.271	84	117510	47.827	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	102553	46.987	ug/l	100
22) Diisopropyl ether	6.665	45	379410	51.582	ug/l	97
23) Vinyl Acetate	6.600	43	1337620	259.853	ug/l	100
24) 1,1-Dichloroethane	6.565	63	220300	49.119	ug/l	98
25) 2-Butanone	7.477	43	370535	253.698	ug/l	100
26) 2,2-Dichloropropane	7.489	77	199084	54.902	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	126248	49.110	ug/l	98
28) Bromochloromethane	7.806	49	98995	47.443	ug/l	97
29) Tetrahydrofuran	7.836	42	246967	266.707	ug/l	99
30) Chloroform	7.959	83	232358	50.126	ug/l	100
31) Cyclohexane	8.253	56	161397	41.402	ug/l	93
32) 1,1,1-Trichloroethane	8.165	97	201948	49.666	ug/l	97
36) 1,1-Dichloropropene	8.365	75	148837	49.002	ug/l	99
37) Ethyl Acetate	7.553	43	151771	49.505	ug/l	97
38) Carbon Tetrachloride	8.359	117	179763	51.696	ug/l	98
39) Methylcyclohexane	9.600	83	136843	47.944	ug/l	98
40) Benzene	8.600	78	465224	50.976	ug/l	100

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41) Methacrylonitrile	7.771	41	85378	53.528	ug/l	97
42) 1,2-Dichloroethane	8.665	62	178224	51.851	ug/l	99
43) Isopropyl Acetate	8.683	43	256966	52.309	ug/l	99
44) Trichloroethene	9.347	130	105127	49.486	ug/l	97
45) 1,2-Dichloropropane	9.618	63	120938	51.880	ug/l	98
46) Dibromomethane	9.706	93	85588	50.884	ug/l	97
47) Bromodichloromethane	9.882	83	185704	54.191	ug/l	99
48) Methyl methacrylate	9.677	41	122530	55.425	ug/l	99
49) 1,4-Dioxane	9.688	88	40300	1082.516	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	813239	285.284	ug/l	99
52) Toluene	10.630	92	283889	53.686	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	175773	54.277	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	188416	54.468	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	113662	54.314	ug/l	98
56) Ethyl methacrylate	10.871	69	168851	47.979	ug/l	99
57) 1,3-Dichloropropane	11.159	76	196125	53.898	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	369534	278.261	ug/l	100
59) 2-Hexanone	11.194	43	586256	292.282	ug/l	100
60) Dibromochloromethane	11.359	129	139102	55.058	ug/l	100
61) 1,2-Dibromoethane	11.465	107	107453	51.584	ug/l	99
64) Tetrachloroethene	11.100	164	101650	52.413	ug/l	98
65) Chlorobenzene	11.888	112	310267	49.786	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	116111	50.764	ug/l	97
67) Ethyl Benzene	11.959	91	539837	53.184	ug/l	100
68) m/p-Xylenes	12.065	106	417283	111.234	ug/l	99
69) o-Xylene	12.394	106	196000	54.671	ug/l	99
70) Styrene	12.406	104	344358	58.039	ug/l	99
71) Bromoform	12.576	173	90428	55.254	ug/l #	99
73) Isopropylbenzene	12.694	105	498892	50.753	ug/l	99
74) N-ethyl acetate	12.488	43	218240	49.394	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	164103	47.260	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	156230m	52.775	ug/l	
77) Bromobenzene	12.976	156	124316	48.406	ug/l	99
78) n-propylbenzene	13.035	91	617823	53.092	ug/l	100
79) 2-Chlorotoluene	13.123	91	376644	50.010	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	435734	53.665	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	58483	53.451	ug/l	96
82) 4-Chlorotoluene	13.218	91	387664	51.696	ug/l	99
83) tert-Butylbenzene	13.435	119	353864	51.897	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	442366	54.663	ug/l	99
85) sec-Butylbenzene	13.612	105	515181	54.515	ug/l	100
86) p-Isopropyltoluene	13.723	119	426531	50.108	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	241411	51.042	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	233405	47.611	ug/l	99
89) n-Butylbenzene	14.053	91	364737	53.798	ug/l	100
90) Hexachloroethane	14.329	117	86465	48.061	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	232755	49.337	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30775	48.536	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	106670	48.649	ug/l	97
94) Hexachlorobutadiene	15.500	225	56304	48.367	ug/l	99
95) Naphthalene	15.635	128	315500	48.220	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	107609	48.503	ug/l	99

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

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