

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011625\
 Data File : VN085478.D
 Acq On : 16 Jan 2025 18:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/17/2025
 Supervised By :Semsettin Yesilyurt 01/17/2025

Quant Time: Jan 17 01:08:22 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	190219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	323651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	289809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	143266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	163402	53.216	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.440%			
35) Dibromofluoromethane	8.159	113	119960	53.426	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.860%			
50) Toluene-d8	10.565	98	434933	54.519	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.040%			
62) 4-Bromofluorobenzene	12.847	95	153964	56.419	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	132377	51.399	ug/l	96
3) Chloromethane	2.359	50	137305	49.238	ug/l	95
4) Vinyl Chloride	2.512	62	141071	50.330	ug/l	99
5) Bromomethane	2.953	94	84024	49.628	ug/l	96
6) Chloroethane	3.124	64	92280	51.930	ug/l	100
7) Trichlorofluoromethane	3.500	101	208932	51.373	ug/l	97
8) Diethyl Ether	3.959	74	71236	50.703	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.377	101	117531	51.309	ug/l	99
10) Methyl Iodide	4.589	142	147019	56.045	ug/l	97
11) Tert butyl alcohol	5.512	59	99147	281.992	ug/l	99
12) 1,1-Dichloroethene	4.342	96	105805	51.827	ug/l	96
13) Acrolein	4.177	56	140807	293.372	ug/l	100
14) Allyl chloride	5.024	41	173599	52.404	ug/l	100
15) Acrylonitrile	5.712	53	307381	275.238	ug/l	99
16) Acetone	4.418	43	257157	259.201	ug/l	99
17) Carbon Disulfide	4.712	76	296268	47.134	ug/l	98
18) Methyl Acetate	5.018	43	161745	53.614	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	382304	57.672	ug/l	97
20) Methylene Chloride	5.271	84	126475	51.495	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	113565	52.052	ug/l	97
22) Diisopropyl ether	6.671	45	417154	56.735	ug/l	99
23) Vinyl Acetate	6.600	43	1535431	298.393	ug/l	99
24) 1,1-Dichloroethane	6.565	63	237388	52.949	ug/l	99
25) 2-Butanone	7.477	43	406685	278.554	ug/l	98
26) 2,2-Dichloropropane	7.488	77	209421	57.775	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	141133	54.921	ug/l	99
28) Bromochloromethane	7.812	49	107047	51.321	ug/l	97
29) Tetrahydrofuran	7.835	42	270098	291.797	ug/l	99
30) Chloroform	7.965	83	242179	52.264	ug/l	99
31) Cyclohexane	8.253	56	194803	49.990	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	214596	52.797	ug/l	99
36) 1,1-Dichloropropene	8.365	75	164917	52.333	ug/l	99
37) Ethyl Acetate	7.553	43	166542	52.359	ug/l	98
38) Carbon Tetrachloride	8.359	117	189304	52.472	ug/l	97
39) Methylcyclohexane	9.600	83	168178	56.792	ug/l	95
40) Benzene	8.600	78	507551	53.604	ug/l	99

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41) Methacrylonitrile	7.771	41	93364	56.419	ug/l	98
42) 1,2-Dichloroethane	8.665	62	191733	53.765	ug/l	100
43) Isopropyl Acetate	8.682	43	291741	57.241	ug/l	99
44) Trichloroethene	9.347	130	112645	51.108	ug/l	94
45) 1,2-Dichloropropane	9.618	63	130128	53.804	ug/l	99
46) Dibromomethane	9.706	93	91408	52.379	ug/l	98
47) Bromodichloromethane	9.882	83	194144	54.606	ug/l	98
48) Methyl methacrylate	9.677	41	136281	59.417	ug/l	99
49) 1,4-Dioxane	9.688	88	40858	1057.827	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	871932	294.816	ug/l	99
52) Toluene	10.624	92	312601	56.978	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	196896	58.602	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	203185	56.614	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	119658	55.112	ug/l	98
56) Ethyl methacrylate	10.871	69	191424	52.247	ug/l	99
57) 1,3-Dichloropropane	11.159	76	211131	55.925	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	405007	293.947	ug/l	99
59) 2-Hexanone	11.194	43	628416	301.974	ug/l	100
60) Dibromochloromethane	11.359	129	142591	54.398	ug/l	100
61) 1,2-Dibromoethane	11.465	107	115575	53.477	ug/l	99
64) Tetrachloroethene	11.100	164	102023	51.638	ug/l	97
65) Chlorobenzene	11.888	112	335553	52.853	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	121983	52.351	ug/l	99
67) Ethyl Benzene	11.959	91	595788	57.617	ug/l	99
68) m/p-Xylenes	12.065	106	453188	118.584	ug/l	99
69) o-Xylene	12.394	106	212717	58.243	ug/l	97
70) Styrene	12.406	104	367581	60.814	ug/l	99
71) Bromoform	12.576	173	94169	56.482	ug/l #	99
73) Isopropylbenzene	12.694	105	554559	57.353	ug/l	100
74) N-amyl acetate	12.488	43	246268	56.664	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	173966	50.933	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	138161m	47.447	ug/l	
77) Bromobenzene	12.976	156	129084	51.098	ug/l	96
78) n-propylbenzene	13.029	91	661325	57.774	ug/l	100
79) 2-Chlorotoluene	13.123	91	407729	55.037	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	471390	59.021	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	59683m	55.454	ug/l	
82) 4-Chlorotoluene	13.217	91	411466	55.782	ug/l	100
83) tert-Butylbenzene	13.435	119	387980	57.846	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	474064	59.553	ug/l	100
85) sec-Butylbenzene	13.612	105	551386	59.315	ug/l	100
86) p-Isopropyltoluene	13.723	119	454205	53.762	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	244301	52.512	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	240772	49.930	ug/l	98
89) n-Butylbenzene	14.053	91	393376	58.986	ug/l	99
90) Hexachloroethane	14.329	117	89171	50.389	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	235408	50.728	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	33546	53.785	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	117501	54.479	ug/l	99
94) Hexachlorobutadiene	15.500	225	55759	48.695	ug/l	98
95) Naphthalene	15.635	128	350267	54.423	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	113397	51.961	ug/l	99

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

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