

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
 Data File : VN086282.D
 Acq On : 15 Apr 2025 14:29
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 16 03:58:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 03:42:50 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
 Supervised By :Semsettin Yesilyurt 04/16/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	228089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	422902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	380274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	182297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	322920	97.633	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 195.260%#	
35) Dibromofluoromethane	8.165	113	163696	83.402	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 166.800%#	
50) Toluene-d8	10.565	98	1046538	99.767	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 199.540%#	
62) 4-Bromofluorobenzene	12.847	95	394671	103.153	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 206.300%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	270450	100.025	ug/l	100
3) Chloromethane	2.359	50	362586	92.270	ug/l	99
4) Vinyl Chloride	2.512	62	359654	95.910	ug/l	99
5) Bromomethane	2.930	94	157044	93.105	ug/l	99
6) Chloroethane	3.106	64	232218	92.528	ug/l	98
7) Trichlorofluoromethane	3.494	101	398967	96.050	ug/l	97
8) Diethyl Ether	3.959	74	172130	94.924	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	242697	96.585	ug/l	99
10) Methyl Iodide	4.583	142	287740	104.156	ug/l	99
11) Tert butyl alcohol	5.518	59	262412	434.831	ug/l	99
12) 1,1-Dichloroethene	4.336	96	254035	94.627	ug/l	97
13) Acrolein	4.171	56	137131	502.553	ug/l	97
14) Allyl chloride	5.018	41	435112	91.225	ug/l	98
15) Acrylonitrile	5.712	53	713644	478.368	ug/l	99
16) Acetone	4.424	43	563323	498.290	ug/l	99
17) Carbon Disulfide	4.712	76	685619	85.294	ug/l	99
18) Methyl Acetate	5.018	43	374831	94.410	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	918634	93.089	ug/l	99
20) Methylene Chloride	5.271	84	286733	93.774	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	264504	94.241	ug/l	100
22) Diisopropyl ether	6.665	45	970652	93.497	ug/l	99
23) Vinyl Acetate	6.600	43	3184505	438.915	ug/l	99
24) 1,1-Dichloroethane	6.565	63	525385	95.914	ug/l	100
25) 2-Butanone	7.477	43	958217	465.437	ug/l	99
26) 2,2-Dichloropropane	7.488	77	470852	96.005	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	328329	94.252	ug/l	100
28) Bromochloromethane	7.812	49	230762	99.357	ug/l	99
29) Tetrahydrofuran	7.835	42	623822	453.130	ug/l	100
30) Chloroform	7.959	83	503712	93.611	ug/l	100
31) Cyclohexane	8.253	56	484648	90.418	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	432964	94.058	ug/l	97
36) 1,1-Dichloropropene	8.365	75	378663	96.591	ug/l	100
37) Ethyl Acetate	7.553	43	371298	89.962	ug/l	100
38) Carbon Tetrachloride	8.359	117	360081	96.450	ug/l	99
39) Methylcyclohexane	9.600	83	448842	96.325	ug/l	98
40) Benzene	8.600	78	1193479	95.020	ug/l	98

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41) Methacrylonitrile	7.777	41	219337	91.695	ug/l	100
42) 1,2-Dichloroethane	8.665	62	377081	94.143	ug/l	99
43) Isopropyl Acetate	8.682	43	704184	100.085	ug/l	100
44) Trichloroethene	9.347	130	288832	97.020	ug/l	98
45) 1,2-Dichloropropane	9.618	63	293625	95.501	ug/l	99
46) Dibromomethane	9.706	93	191324	97.667	ug/l	100
47) Bromodichloromethane	9.882	83	403514	95.372	ug/l	97
48) Methyl methacrylate	9.676	41	326384	90.052	ug/l	98
49) 1,4-Dioxane	9.688	88	98711	1601.137	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	1989761	470.803	ug/l	99
52) Toluene	10.629	92	757019	96.592	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	468739	99.248	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	496721	95.755	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	264481	93.795	ug/l	97
56) Ethyl methacrylate	10.870	69	494791	95.461	ug/l	100
57) 1,3-Dichloropropane	11.159	76	482562	96.455	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	1242387	505.011	ug/l	99
59) 2-Hexanone	11.194	43	1476474	470.996	ug/l	100
60) Dibromochloromethane	11.359	129	301498	97.371	ug/l	100
61) 1,2-Dibromoethane	11.465	107	273587	96.156	ug/l	100
64) Tetrachloroethene	11.100	164	281669	96.294	ug/l	97
65) Chlorobenzene	11.888	112	805194	94.881	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	264532	94.488	ug/l	100
67) Ethyl Benzene	11.959	91	1476238	96.398	ug/l	100
68) m/p-Xylenes	12.070	106	1117098	194.681	ug/l	98
69) o-Xylene	12.394	106	546019	96.221	ug/l	99
70) Styrene	12.406	104	947293	100.188	ug/l	100
71) Bromoform	12.576	173	201110	95.410	ug/l #	99
73) Isopropylbenzene	12.694	105	1351009	90.597	ug/l	100
74) N-amyl acetate	12.488	43	641647	86.431	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	359278	83.793	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	379247m	88.555	ug/l	
77) Bromobenzene	12.976	156	303696	91.913	ug/l	98
78) n-propylbenzene	13.035	91	1640989	93.386	ug/l	99
79) 2-Chlorotoluene	13.123	91	1000943	91.031	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	1125981	92.254	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	175887m	98.197	ug/l	
82) 4-Chlorotoluene	13.217	91	1025113	93.852	ug/l	99
83) tert-Butylbenzene	13.435	119	975268	92.219	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	1150791	92.628	ug/l	100
85) sec-Butylbenzene	13.611	105	1359583	92.684	ug/l	99
86) p-Isopropyltoluene	13.723	119	1161224	96.040	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	586366	94.402	ug/l	100
88) 1,4-Dichlorobenzene	13.806	146	582329	93.077	ug/l	100
89) n-Butylbenzene	14.053	91	1061099	99.009	ug/l	99
90) Hexachloroethane	14.329	117	196292	96.516	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	547527	90.920	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	77795	89.984	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	281040	97.461	ug/l	100
94) Hexachlorobutadiene	15.500	225	101506	93.251	ug/l	99
95) Naphthalene	15.635	128	975079	95.390	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	258567	94.712	ug/l	100

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

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