

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
 Data File : VN086284.D
 Acq On : 15 Apr 2025 15:30
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN041525

Quant Time: Apr 16 04:30:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 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	232806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	435528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	384601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	173902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	169181	50.114	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.220%			
35) Dibromofluoromethane	8.165	113	96752	47.865	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.740%			
50) Toluene-d8	10.565	98	542858	50.251	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.500%			
62) 4-Bromofluorobenzene	12.847	95	196820	49.950	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	138594	50.220	ug/l	100
3) Chloromethane	2.359	50	185786	46.321	ug/l	99
4) Vinyl Chloride	2.518	62	183873	48.040	ug/l	98
5) Bromomethane	2.953	94	88943	51.662	ug/l	98
6) Chloroethane	3.118	64	119261	46.557	ug/l	99
7) Trichlorofluoromethane	3.500	101	203630	48.030	ug/l	96
8) Diethyl Ether	3.959	74	88034	47.564	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	124024	48.357	ug/l	99
10) Methyl Iodide	4.589	142	148899	52.806	ug/l	98
11) Tert butyl alcohol	5.512	59	143880	233.586	ug/l	99
12) 1,1-Dichloroethene	4.336	96	129546	47.278	ug/l	98
13) Acrolein	4.177	56	72276	251.743	ug/l	99
14) Allyl chloride	5.024	41	220559	45.280	ug/l	99
15) Acrylonitrile	5.712	53	372009	244.312	ug/l	99
16) Acetone	4.424	43	297097	254.646	ug/l	100
17) Carbon Disulfide	4.712	76	360863	43.983	ug/l	99
18) Methyl Acetate	5.018	43	184731	45.586	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	474584	47.117	ug/l	99
20) Methylene Chloride	5.271	84	145872	46.740	ug/l	100
21) trans-1,2-Dichloroethene	5.788	96	134526	46.960	ug/l	99
22) Diisopropyl ether	6.665	45	491946	46.426	ug/l	98
23) Vinyl Acetate	6.600	43	1738360	234.680	ug/l	100
24) 1,1-Dichloroethane	6.565	63	264324	47.277	ug/l	99
25) 2-Butanone	7.477	43	501652	238.732	ug/l	98
26) 2,2-Dichloropropane	7.488	77	233882	46.721	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	167485	47.105	ug/l	98
28) Bromochloromethane	7.812	49	113893	48.044	ug/l	100
29) Tetrahydrofuran	7.835	42	326414	232.296	ug/l	100
30) Chloroform	7.959	83	258393	47.047	ug/l	99
31) Cyclohexane	8.253	56	247077	45.162	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	222630	47.385	ug/l	97
36) 1,1-Dichloropropene	8.371	75	191295	47.382	ug/l	100
37) Ethyl Acetate	7.553	43	195455	45.984	ug/l	100
38) Carbon Tetrachloride	8.359	117	182531	47.475	ug/l	98
39) Methylcyclohexane	9.594	83	220275	45.902	ug/l	97
40) Benzene	8.600	78	610128	47.168	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	113052	45.892	ug/l	98
42) 1,2-Dichloroethane	8.665	62	195922	47.496	ug/l	100
43) Isopropyl Acetate	8.682	43	370579	48.649	ug/l	100
44) Trichloroethene	9.347	130	145334	47.403	ug/l	99
45) 1,2-Dichloropropane	9.618	63	149775	47.302	ug/l	98
46) Dibromomethane	9.706	93	98395	48.772	ug/l	100
47) Bromodichloromethane	9.882	83	207763	47.682	ug/l	99
48) Methyl methacrylate	9.676	41	170007	45.546	ug/l	98
49) 1,4-Dioxane	9.688	88	59040	929.893	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	1036849	238.220	ug/l	99
52) Toluene	10.629	92	383010	47.453	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	235221	48.360	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	250676	46.923	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	136227	46.911	ug/l	97
56) Ethyl methacrylate	10.871	69	253092	47.414	ug/l	99
57) 1,3-Dichloropropane	11.159	76	246129	47.770	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	612932	241.924	ug/l	99
59) 2-Hexanone	11.188	43	759846	235.364	ug/l	99
60) Dibromochloromethane	11.353	129	152321	47.767	ug/l	99
61) 1,2-Dibromoethane	11.465	107	139994	47.777	ug/l	100
64) Tetrachloroethene	11.100	164	140342	47.439	ug/l	99
65) Chlorobenzene	11.888	112	401122	46.735	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	133755	47.238	ug/l	99
67) Ethyl Benzene	11.959	91	730984	47.196	ug/l	100
68) m/p-Xylenes	12.070	106	551289	94.994	ug/l	100
69) o-Xylene	12.394	106	269992	47.043	ug/l	100
70) Styrene	12.406	104	460331	48.138	ug/l	100
71) Bromoform	12.576	173	101548	47.634	ug/l #	98
73) Isopropylbenzene	12.694	105	667602	46.930	ug/l	100
74) N-amyl acetate	12.488	43	320394	45.241	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	186111	45.501	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	187464m	45.680	ug/l	
77) Bromobenzene	12.976	156	150856	47.860	ug/l	98
78) n-propylbenzene	13.029	91	794892	47.420	ug/l	99
79) 2-Chlorotoluene	13.123	91	493124	47.012	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	550039	47.241	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	84822m	49.639	ug/l	
82) 4-Chlorotoluene	13.217	91	495478	47.552	ug/l	99
83) tert-Butylbenzene	13.435	119	461626	45.757	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	561084	47.342	ug/l	100
85) sec-Butylbenzene	13.612	105	650246	46.468	ug/l	99
86) p-Isopropyltoluene	13.729	119	546663	47.395	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	278387	46.983	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	282403	47.319	ug/l	99
89) n-Butylbenzene	14.053	91	482335	47.178	ug/l	100
90) Hexachloroethane	14.329	117	92416	47.634	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	273135	47.545	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	39601	48.017	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	131639	47.854	ug/l	100
94) Hexachlorobutadiene	15.500	225	48079	46.301	ug/l	100
95) Naphthalene	15.635	128	472042	48.408	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	123220	47.314	ug/l	99

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

