

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
 Data File : VN086280.D
 Acq On : 15 Apr 2025 13:09
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Apr 16 03:57:00 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	8.224	168	217195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	404366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	355626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	158232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	61458	19.513	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	39.020%#		
35) Dibromofluoromethane	8.165	113	37195	19.819	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.640%#		
50) Toluene-d8	10.565	98	191691	19.112	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	38.220%#		
62) 4-Bromofluorobenzene	12.847	95	68030	18.596	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	37.200%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	54177	21.042	ug/l	99
3) Chloromethane	2.359	50	71193	19.026	ug/l	98
4) Vinyl Chloride	2.518	62	73472	20.576	ug/l	99
5) Bromomethane	2.959	94	34343	21.382	ug/l	98
6) Chloroethane	3.124	64	47157	19.732	ug/l	99
7) Trichlorofluoromethane	3.501	101	80568	20.369	ug/l	98
8) Diethyl Ether	3.959	74	36034	20.868	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	49252	20.584	ug/l	99
10) Methyl Iodide	4.589	142	55289	21.017	ug/l	99
11) Tert butyl alcohol	5.512	59	61718	107.400	ug/l	97
12) 1,1-Dichloroethene	4.348	96	51127	20.000	ug/l	98
13) Acrolein	4.183	56	28121	95.627	ug/l	99
14) Allyl chloride	5.024	41	89076	19.612	ug/l	99
15) Acrylonitrile	5.712	53	148850	104.781	ug/l	100
16) Acetone	4.424	43	122726	109.479	ug/l	98
17) Carbon Disulfide	4.712	76	149518	19.534	ug/l	100
18) Methyl Acetate	5.024	43	75070	19.857	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	191056	20.332	ug/l	97
20) Methylene Chloride	5.277	84	58230	19.999	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	53894	20.165	ug/l	99
22) Diisopropyl ether	6.671	45	196831	19.911	ug/l	98
23) Vinyl Acetate	6.600	43	713534m	103.278	ug/l	
24) 1,1-Dichloroethane	6.565	63	104777	20.087	ug/l	99
25) 2-Butanone	7.477	43	202298	103.191	ug/l	99
26) 2,2-Dichloropropane	7.489	77	94147	20.159	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	66347	20.001	ug/l	99
28) Bromochloromethane	7.812	49	40391	18.263	ug/l	100
29) Tetrahydrofuran	7.836	42	136348	104.008	ug/l	99
30) Chloroform	7.965	83	103881	20.274	ug/l	100
31) Cyclohexane	8.253	56	101546	19.895	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	89173	20.344	ug/l	97
36) 1,1-Dichloropropene	8.365	75	75426	20.122	ug/l	99
37) Ethyl Acetate	7.553	43	79383	20.115	ug/l	99
38) Carbon Tetrachloride	8.359	117	72704	20.367	ug/l	99
39) Methylcyclohexane	9.594	83	88728	19.915	ug/l	98
40) Benzene	8.600	78	243918	20.310	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	45760	20.007	ug/l	100
42) 1,2-Dichloroethane	8.665	62	77932	20.348	ug/l	100
43) Isopropyl Acetate	8.683	43	157753	20.921	ug/l	99
44) Trichloroethene	9.353	130	56926	19.998	ug/l	99
45) 1,2-Dichloropropane	9.618	63	59599	20.273	ug/l	98
46) Dibromomethane	9.706	93	38601	20.608	ug/l	98
47) Bromodichloromethane	9.888	83	82517	20.397	ug/l	98
48) Methyl methacrylate	9.677	41	69986	20.195	ug/l	99
49) 1,4-Dioxane	9.694	88	24362	413.277	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	421471	104.297	ug/l	100
52) Toluene	10.630	92	152248	20.317	ug/l	99
53) t-1,3-Dichloropropene	10.830	75	92441	20.470	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	100415	20.245	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	53630	19.891	ug/l	97
56) Ethyl methacrylate	10.871	69	100712	20.321	ug/l	99
57) 1,3-Dichloropropane	11.159	76	97363	20.353	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	222766	94.702	ug/l	100
59) 2-Hexanone	11.194	43	309954	103.408	ug/l	100
60) Dibromochloromethane	11.359	129	60596	20.467	ug/l	100
61) 1,2-Dibromoethane	11.465	107	56679	20.834	ug/l	99
64) Tetrachloroethene	11.100	164	55481	20.282	ug/l	97
65) Chlorobenzene	11.888	112	158917	20.024	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	52389	20.010	ug/l	98
67) Ethyl Benzene	11.959	91	288483	20.144	ug/l	99
68) m/p-Xylenes	12.071	106	215301	40.122	ug/l	99
69) o-Xylene	12.394	106	107161	20.193	ug/l	99
70) Styrene	12.406	104	177099	20.029	ug/l	99
71) Bromoform	12.576	173	39697	20.138	ug/l #	98
73) Isopropylbenzene	12.694	105	264607	20.443	ug/l	99
74) N-amyl acetate	12.488	43	126575	19.643	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	76740	20.620	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	74829m	20.130	ug/l	
77) Bromobenzene	12.976	156	59889	20.882	ug/l	99
78) n-propylbenzene	13.029	91	307737	20.176	ug/l	100
79) 2-Chlorotoluene	13.124	91	193569	20.281	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	216364	20.423	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	31256m	20.104	ug/l	
82) 4-Chlorotoluene	13.218	91	192849	20.341	ug/l	99
83) tert-Butylbenzene	13.435	119	182683	19.901	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	217135	20.135	ug/l	100
85) sec-Butylbenzene	13.612	105	252593	19.838	ug/l	99
86) p-Isopropyltoluene	13.723	119	208256	19.844	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	107491	19.938	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	108412	19.964	ug/l	99
89) n-Butylbenzene	14.053	91	184852	19.871	ug/l	99
90) Hexachloroethane	14.329	117	35250	19.968	ug/l	95
91) 1,2-Dichlorobenzene	14.100	146	104185	19.932	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15863	21.139	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	50179	20.048	ug/l	99
94) Hexachlorobutadiene	15.494	225	19024	20.135	ug/l	99
95) Naphthalene	15.635	128	183816	20.717	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	47425	20.013	ug/l	99

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

