Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032825\
Data File : VN086163.D
Acq On : 28 Mar 2025 20:18
Operator : JC\MD
Sample : Q1664-05MS
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 28 23:40:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
P001-BBDGA-001-01MS

Manual Integrations APPROVED

Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	227713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	361019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	325952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	170825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	136570	43.798	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 87.600%			
35) Dibromofluoromethane	8.165	113	98166	38.957	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 77.920%			
50) Toluene-d8	10.565	98	439543	48.062	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.120%			
62) 4-Bromofluorobenzene	12.847	95	165058	50.608	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.220%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	118498	39.279	ug/l	97
3) Chloromethane	2.359	50	113101	42.764	ug/l	100
4) Vinyl Chloride	2.512	62	111324	41.167	ug/l	96
5) Bromomethane	2.948	94	58723	31.880	ug/l	96
6) Chloroethane	3.118	64	59308	34.765	ug/l	90
7) Trichlorofluoromethane	3.495	101	200811	41.309	ug/l	98
8) Diethyl Ether	3.959	74	66847	44.919	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.365	101	117134	45.338	ug/l	98
10) Methyl Iodide	4.589	142	152174	45.203	ug/l	97
11) Tert butyl alcohol	5.512	59	76034	172.226	ug/l	98
12) 1,1-Dichloroethene	4.342	96	106968	45.852	ug/l	96
13) Acrolein	4.177	56	83277	176.858	ug/l	96
14) Allyl chloride	5.024	41	130753	44.926	ug/l	98
15) Acrylonitrile	5.712	53	268570	230.347	ug/l	99
16) Acetone	4.424	43	246325	258.574	ug/l	97
17) Carbon Disulfide	4.712	76	296887	38.696	ug/l	98
18) Methyl Acetate	5.024	43	128611	54.566	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	349983	45.781	ug/l	98
20) Methylene Chloride	5.277	84	137253	49.250	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	117855	46.226	ug/l	94
22) Diisopropyl ether	6.671	45	287268	46.318	ug/l	98
23) Vinyl Acetate	6.671	43	158187	33.645	ug/l #	67
24) 1,1-Dichloroethane	6.565	63	212075	46.500	ug/l	99
25) 2-Butanone	7.477	43	323956	235.675	ug/l	94
26) 2,2-Dichloropropane	7.488	77	155514	35.418	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	137479	47.453	ug/l	98
28) Bromochloromethane	7.812	49	99579	51.534	ug/l	94
29) Tetrahydrofuran	7.835	42	208057	245.171	ug/l	94
30) Chloroform	7.959	83	233212	46.262	ug/l	99
31) Cyclohexane	8.253	56	180539	46.468	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	210092	44.027	ug/l	99
36) 1,1-Dichloropropene	8.371	75	157763	47.547	ug/l	99
37) Ethyl Acetate	7.559	43	111808	39.942	ug/l	98
38) Carbon Tetrachloride	8.359	117	193294	44.306	ug/l	99
39) Methylcyclohexane	9.600	83	155609	47.270	ug/l	96
40) Benzene	8.606	78	507344	48.708	ug/l	99

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41) Methacrylonitrile	7.777	41	71043	53.150	ug/l		91
42) 1,2-Dichloroethane	8.665	62	159959	44.073	ug/l		96
43) Isopropyl Acetate	8.688	43	211195	34.817	ug/l		98
44) Trichloroethene	9.347	130	175105	64.863	ug/l		98
45) 1,2-Dichloropropane	9.618	63	122320	51.632	ug/l		98
46) Dibromomethane	9.706	93	88901	47.716	ug/l		99
47) Bromodichloromethane	9.882	83	184562	47.398	ug/l		98
48) Methyl methacrylate	9.677	41	89351	44.639	ug/l		98
49) 1,4-Dioxane	9.694	88	42160	890.990	ug/l		91
51) 4-Methyl-2-Pentanone	10.441	43	674213	252.028	ug/l		97
52) Toluene	10.629	92	322818	50.496	ug/l		99
53) t-1,3-Dichloropropene	10.829	75	172876	45.715	ug/l		98
54) cis-1,3-Dichloropropene	10.312	75	191689	48.044	ug/l		99
55) 1,1,2-Trichloroethane	11.012	97	123781	50.730	ug/l		97
56) Ethyl methacrylate	10.871	69	167499	44.928	ug/l		96
57) 1,3-Dichloropropane	11.159	76	205955	49.696	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	399789	269.917	ug/l		96
59) 2-Hexanone	11.194	43	503146	258.178	ug/l		97
60) Dibromochloromethane	11.359	129	150858	47.913	ug/l		98
61) 1,2-Dibromoethane	11.465	107	118559	47.330	ug/l		98
64) Tetrachloroethene	11.100	164	190692	73.339	ug/l		98
65) Chlorobenzene	11.888	112	348563	46.733	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.959	131	131172	47.309	ug/l		99
67) Ethyl Benzene	11.959	91	595807	49.937	ug/l		98
68) m/p-Xylenes	12.070	106	480459	102.455	ug/l		99
69) o-Xylene	12.394	106	227414	52.838	ug/l		95
70) Styrene	12.406	104	391221	53.217	ug/l		98
71) Bromoform	12.576	173	103403	44.612	ug/l	#	100
73) Isopropylbenzene	12.694	105	554510	47.535	ug/l		99
74) N-amyl acetate	12.488	43	172649	44.237	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.935	83	65940	16.708	ug/l		99
76) 1,2,3-Trichloropropane	12.994	75	137638m	35.989	ug/l		
77) Bromobenzene	12.976	156	145420	44.707	ug/l		98
78) n-propylbenzene	13.035	91	663204	50.207	ug/l		100
79) 2-Chlorotoluene	13.123	91	416519	47.473	ug/l		99
80) 1,3,5-Trimethylbenzene	13.170	105	487730	49.521	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	62448	43.170	ug/l		94
82) 4-Chlorotoluene	13.217	91	426559	47.277	ug/l		99
83) tert-Butylbenzene	13.435	119	392748	46.626	ug/l		98
84) 1,2,4-Trimethylbenzene	13.482	105	494906	49.821	ug/l		99
85) sec-Butylbenzene	13.612	105	552196	50.251	ug/l		99
86) p-Isopropyltoluene	13.729	119	467935	50.305	ug/l		98
87) 1,3-Dichlorobenzene	13.729	146	272420	46.463	ug/l		100
88) 1,4-Dichlorobenzene	13.812	146	270819	43.963	ug/l		99
89) n-Butylbenzene	14.053	91	370059	48.853	ug/l		99
90) Hexachloroethane	14.329	117	94053	43.820	ug/l		96
91) 1,2-Dichlorobenzene	14.106	146	264604	45.398	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	32206	40.881	ug/l		96
93) 1,2,4-Trichlorobenzene	15.388	180	124095	42.343	ug/l		98
94) Hexachlorobutadiene	15.500	225	64271	37.800	ug/l		99
95) Naphthalene	15.635	128	357507	42.128	ug/l		99
96) 1,2,3-Trichlorobenzene	15.835	180	122528	44.061	ug/l		99

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

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