Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101124\
Data File : VN084395.D
Acq On : 11 Oct 2024 11:43
Operator : JC\MD
Sample : VN1011WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 14 02:05:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1011WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	153789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	263139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	114226	50.095	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.180%			
35) Dibromofluoromethane	8.165	113	85207	49.117	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.240%			
50) Toluene-d8	10.565	98	317134	49.689	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.380%			
62) 4-Bromofluorobenzene	12.847	95	117870	50.693	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.380%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	31618	17.381	ug/l	98
3) Chloromethane	2.359	50	37498	18.053	ug/l	98
4) Vinyl Chloride	2.512	62	35956	17.871	ug/l	99
5) Bromomethane	2.959	94	23418	17.646	ug/l	94
6) Chloroethane	3.118	64	23218	16.113	ug/l	93
7) Trichlorofluoromethane	3.500	101	62225	19.861	ug/l	94
8) Diethyl Ether	3.959	74	22202	19.107	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	35774	19.928	ug/l	99
10) Methyl Iodide	4.589	142	42142	18.229	ug/l	93
11) Tert butyl alcohol	5.530	59	38195	101.586	ug/l	99
12) 1,1-Dichloroethene	4.342	96	32304	18.656	ug/l	94
13) Acrolein	4.183	56	38600	89.426	ug/l	99
14) Allyl chloride	5.024	41	52574	17.483	ug/l	99
15) Acrylonitrile	5.718	53	103122	108.609	ug/l	97
16) Acetone	4.430	43	97699	99.741	ug/l	94
17) Carbon Disulfide	4.718	76	85783	15.647	ug/l	97
18) Methyl Acetate	5.024	43	50417	23.615	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	118777	20.324	ug/l	98
20) Methylene Chloride	5.277	84	39539	19.857	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	34937	19.259	ug/l	96
22) Diisopropyl ether	6.671	45	128422	20.646	ug/l	97
23) Vinyl Acetate	6.606	43	461341	99.996	ug/l	98
24) 1,1-Dichloroethane	6.571	63	70036	20.134	ug/l	98
25) 2-Butanone	7.483	43	140562	105.358	ug/l	98
26) 2,2-Dichloropropane	7.494	77	59844	19.080	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	43024	19.626	ug/l	98
28) Bromochloromethane	7.812	49	28881	18.608	ug/l	97
29) Tetrahydrofuran	7.841	42	88502	107.494	ug/l	99
30) Chloroform	7.965	83	73439	20.324	ug/l	100
31) Cyclohexane	8.253	56	56791	16.815	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	64555	19.893	ug/l	97
36) 1,1-Dichloropropene	8.371	75	47694	18.928	ug/l	99
37) Ethyl Acetate	7.559	43	55804	21.587	ug/l	98
38) Carbon Tetrachloride	8.365	117	56132	20.307	ug/l	96
39) Methylcyclohexane	9.600	83	49575	17.677	ug/l	96
40) Benzene	8.606	78	158966	20.248	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.783	41	30189	21.511	ug/l		100
42) 1,2-Dichloroethane	8.671	62	55752	20.947	ug/l		100
43) Isopropyl Acetate	8.688	43	90460	17.865	ug/l		98
44) Trichloroethene	9.353	130	37024	20.191	ug/l		96
45) 1,2-Dichloropropane	9.618	63	39238	21.127	ug/l		98
46) Dibromomethane	9.712	93	27957	22.306	ug/l		98
47) Bromodichloromethane	9.888	83	60122	21.592	ug/l		99
48) Methyl methacrylate	9.682	41	41821	20.748	ug/l		99
49) 1,4-Dioxane	9.694	88	16856	454.240	ug/l	#	82
51) 4-Methyl-2-Pentanone	10.441	43	276687	112.432	ug/l		99
52) Toluene	10.629	92	95292	19.904	ug/l		97
53) t-1,3-Dichloropropene	10.835	75	59099	20.821	ug/l		95
54) cis-1,3-Dichloropropene	10.312	75	63510	20.802	ug/l		98
55) 1,1,2-Trichloroethane	11.018	97	38033	22.160	ug/l		97
56) Ethyl methacrylate	10.871	69	61305	21.708	ug/l		95
57) 1,3-Dichloropropane	11.159	76	66069	21.544	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	127061	96.989	ug/l		99
59) 2-Hexanone	11.194	43	204772	111.330	ug/l		99
60) Dibromochloromethane	11.359	129	44958	22.170	ug/l		99
61) 1,2-Dibromoethane	11.471	107	37920	21.263	ug/l		99
64) Tetrachloroethene	11.106	164	31871	19.024	ug/l		94
65) Chlorobenzene	11.888	112	105255	19.736	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.959	131	37402	20.361	ug/l		99
67) Ethyl Benzene	11.965	91	177479	18.818	ug/l		100
68) m/p-Xylenes	12.070	106	137350	39.369	ug/l		99
69) o-Xylene	12.400	106	65608	19.876	ug/l		100
70) Styrene	12.412	104	114317	20.447	ug/l		99
71) Bromoform	12.576	173	29771	22.013	ug/l	#	97
73) Isopropylbenzene	12.694	105	165542	18.670	ug/l		99
74) N-amyl acetate	12.494	43	76343	19.014	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.935	83	58182	21.822	ug/l		98
76) 1,2,3-Trichloropropane	12.994	75	46534m	19.617	ug/l		
77) Bromobenzene	12.982	156	41589	19.445	ug/l		98
78) n-propylbenzene	13.035	91	201906	19.654	ug/l		99
79) 2-Chlorotoluene	13.123	91	126088	19.235	ug/l		99
80) 1,3,5-Trimethylbenzene	13.170	105	142261	19.669	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	19107m	19.311	ug/l		
82) 4-Chlorotoluene	13.223	91	130366	19.755	ug/l		100
83) tert-Butylbenzene	13.435	119	119406	18.575	ug/l		98
84) 1,2,4-Trimethylbenzene	13.482	105	144895	19.886	ug/l		99
85) sec-Butylbenzene	13.617	105	168854	19.684	ug/l		99
86) p-Isopropyltoluene	13.729	119	140194	19.764	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	79033	19.698	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	79297	19.570	ug/l		100
89) n-Butylbenzene	14.053	91	115329	17.930	ug/l		100
90) Hexachloroethane	14.329	117	28168	19.563	ug/l		97
91) 1,2-Dichlorobenzene	14.106	146	76511	19.447	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	11051	20.086	ug/l		99
93) 1,2,4-Trichlorobenzene	15.394	180	36572	18.873	ug/l		98
94) Hexachlorobutadiene	15.500	225	17175	17.772	ug/l		97
95) Naphthalene	15.641	128	115254	17.940	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	37115	19.134	ug/l		98

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

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