Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020625\
Data File : BM049585.D
Acq On : 06 Feb 2025 18:21
Operator : RC/JU
Sample : Q1168-08
Misc : LOQ-WATER 10PPM
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 07 01:51:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2025

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.828	152	199501	20.000	ng		0.00
21) Naphthalene-d8	10.622	136	743996	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	460741	20.000	ng		0.00
64) Phenanthrene-d10	17.203	188	874723	20.000	ng		0.00
76) Chrysene-d12	21.439	240	755058	20.000	ng		0.00
86) Perylene-d12	24.468	264	632108	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	738329	59.513	ng		0.00
7) Phenol-d6	6.981	99	994686	61.198	ng		0.00
23) Nitrobenzene-d5	8.975	82	888247	61.410	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	284061	52.032	ng		0.00
45) 2-Fluorobiphenyl	13.086	172	2027998	57.021	ng		0.00
79) Terphenyl-d14	19.827	244	2988246	60.435	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	46952	9.001	ng		99
3) Pyridine	3.693	79	243593	16.805	ng		99
4) n-Nitrosodimethylamine	3.599	42	122114	18.006	ng	#	94
6) Aniline	7.145	93	314530	20.418	ng		99
8) 2-Chlorophenol	7.386	128	204069	16.473	ng		99
9) Benzaldehyde	6.957	77	110576	12.849	ng		97
10) Phenol	7.004	94	269470	16.832	ng		97
11) bis(2-Chloroethyl)ether	7.245	93	224477	17.332	ng		96
12) 1,3-Dichlorobenzene	7.716	146	243609	16.942	ng		100
13) 1,4-Dichlorobenzene	7.857	146	249467	17.152	ng		99
14) 1,2-Dichlorobenzene	8.175	146	236460	16.838	ng		98
15) Benzyl Alcohol	8.057	79	176065	15.570	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.351	45	327087	18.760	ng		100
17) 2-Methylphenol	8.257	107	160291	16.375	ng		98
18) Hexachloroethane	8.910	117	89346	16.818	ng		100
19) n-Nitroso-di-n-propyla...	8.628	70	179983	16.910	ng		97
20) 3+4-Methylphenols	8.586	107	207738	16.076	ng		96
22) Acetophenone	8.639	105	170537	8.510	ng	#	94
24) Nitrobenzene	9.016	77	252541	17.971	ng		96
25) Isophorone	9.545	82	458575	17.580	ng		99
26) 2-Nitrophenol	9.733	139	50869	13.878	ng		93
27) 2,4-Dimethylphenol	9.792	122	161867	19.625	ng		98
28) bis(2-Chloroethoxy)met...	10.033	93	277775	16.533	ng		98
29) 2,4-Dichlorophenol	10.263	162	167301	14.729	ng		99
30) 1,2,4-Trichlorobenzene	10.486	180	229090	16.462	ng		97
31) Naphthalene	10.669	128	631617	16.097	ng		99
32) Benzoic acid	9.839	122	14725m	8.531	ng		
33) 4-Chloroaniline	10.769	127	255352	17.386	ng		98
34) Hexachlorobutadiene	10.969	225	139312	16.717	ng		99
35) Caprolactam	11.516	113	21381m	6.170	ng		
36) 4-Chloro-3-methylphenol	11.892	107	161207	14.231	ng		99
37) 2-Methylnaphthalene	12.286	142	417121	15.098	ng		98
38) 1-Methylnaphthalene	12.504	142	411208	15.298	ng		99
40) 1,2,4,5-Tetrachloroben...	12.651	216	126528	8.353	ng		99
41) Hexachlorocyclopentadiene	12.645	237	72416	18.726	ng		98
43) 2,4,6-Trichlorophenol	12.892	196	114536	13.856	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	133315	14.675	ng		97
46) 1,1'-Biphenyl	13.298	154	289362	8.233	ng		99
47) 2-Chloronaphthalene	13.333	162	448163	16.480	ng		99
48) 2-Nitroaniline	13.527	65	97820	16.597	ng		95
49) Acenaphthylene	14.180	152	691847	17.253	ng		100
50) Dimethylphthalate	13.921	163	517881	15.652	ng		100
51) 2,6-Dinitrotoluene	14.027	165	92725	16.195	ng		93
52) Acenaphthene	14.527	154	418312	15.716	ng		98
53) 3-Nitroaniline	14.351	138	97313	16.694	ng		97
54) 2,4-Dinitrophenol	14.551	184	12918	15.495	ng	#	74
55) Dibenzofuran	14.857	168	666547	15.727	ng		99
56) 4-Nitrophenol	14.645	139	59002	12.007	ng		96
57) 2,4-Dinitrotoluene	14.810	165	111841	17.680	ng	#	97
58) Fluorene	15.509	166	556764	15.357	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.086	232	106221	13.840	ng		98
60) Diethylphthalate	15.286	149	501786	15.090	ng		98
61) 4-Chlorophenyl-phenyle...	15.509	204	292828	15.175	ng		95
62) 4-Nitroaniline	15.509	138	101331	16.465	ng		95
63) Azobenzene	15.798	77	576649	16.614	ng		96
65) 4,6-Dinitro-2-methylph...	15.574	198	21361	14.783	ng		97
66) n-Nitrosodiphenylamine	15.715	169	439066	15.916	ng		99
67) 4-Bromophenyl-phenylether	16.398	248	157727	15.521	ng		96
68) Hexachlorobenzene	16.509	284	184434	15.813	ng		95
69) Atrazine	16.668	200	62309	7.598	ng		97
70) Pentachlorophenol	16.851	266	63137	14.960	ng		98
71) Phenanthrene	17.245	178	790774	15.869	ng		99
72) Anthracene	17.333	178	788868	15.988	ng		99
73) Carbazole	17.598	167	700720	16.180	ng		99
74) Di-n-butylphthalate	18.186	149	741184	13.488	ng		99
75) Fluoranthene	19.256	202	840774	14.411	ng		99
77) Benzidine	19.439	184	60104	8.989	ng		98
78) Pyrene	19.615	202	876775	15.508	ng		99
80) Butylbenzylphthalate	20.533	149	162828	9.256	ng		99
81) Benzo(a)anthracene	21.421	228	826979	16.161	ng		99
82) 3,3'-Dichlorobenzidine	21.344	252	77830	5.652	ng		95
83) Chrysene	21.486	228	759672	15.845	ng		98
84) Bis(2-ethylhexyl)phtha...	21.374	149	330116	10.946	ng		97
85) Di-n-octyl phthalate	22.538	149	417395	8.773	ng	#	93
87) Indeno(1,2,3-cd)pyrene	27.891	276	556662	16.125	ng		97
88) Benzo(b)fluoranthene	23.515	252	630850	14.507	ng		99
89) Benzo(k)fluoranthene	23.580	252	673678	15.950	ng		100
90) Benzo(a)pyrene	24.327	252	554555	16.092	ng		99
91) Dibenzo(a,h)anthracene	27.956	278	429059	15.726	ng		99
92) Benzo(g,h,i)perylene	28.944	276	461526	15.143	ng		97

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

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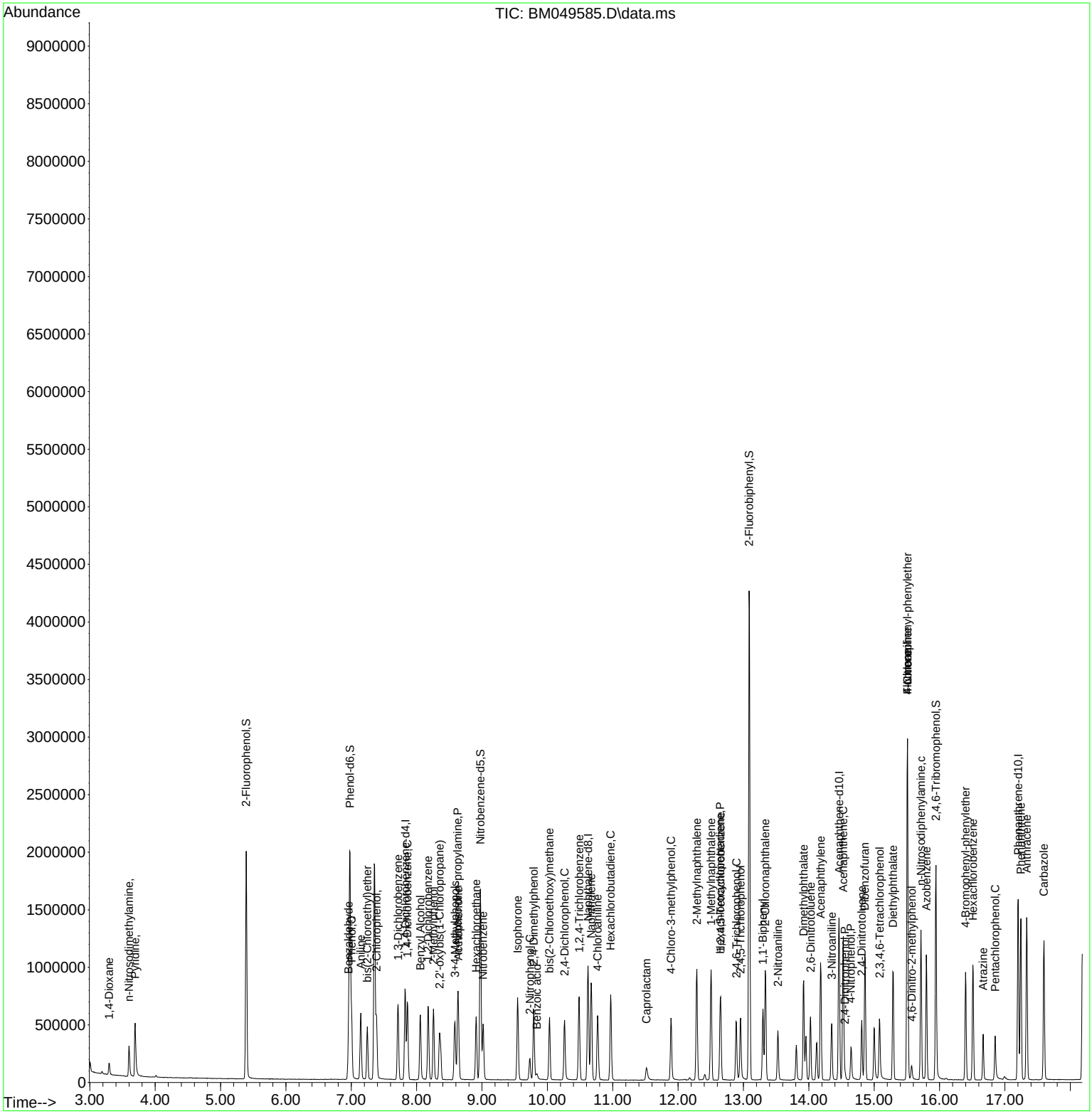

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