Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041625\
Data File : BM049946.D
Acq On : 16 Apr 2025 10:47
Operator : RC/JU
Sample : PB167561BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 16 11:52:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB167561BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	344544	20.000	ng		-0.01
21) Naphthalene-d8	10.563	136	1168166	20.000	ng		-0.01
39) Acenaphthene-d10	14.416	164	724098	20.000	ng		0.00
64) Phenanthrene-d10	17.162	188	1400705	20.000	ng		0.00
76) Chrysene-d12	21.403	240	1385980	20.000	ng		0.00
86) Perylene-d12	24.403	264	1475766	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	2500636	123.243	ng		0.00
7) Phenol-d6	6.951	99	3034248	120.193	ng		0.00
23) Nitrobenzene-d5	8.928	82	1784293	85.055	ng		0.00
42) 2,4,6-Tribromophenol	15.910	330	1428984	135.677	ng		0.00
45) 2-Fluorobiphenyl	13.033	172	4585193	85.866	ng		-0.01
79) Terphenyl-d14	19.786	244	7113036	96.179	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	305364	36.543	ng		99
3) Pyridine	3.652	79	839923	38.257	ng		100
4) n-Nitrosodimethylamine	3.563	42	357385	42.774	ng		97
6) Aniline	7.098	93	584662	27.028	ng		99
8) 2-Chlorophenol	7.340	128	925263	44.497	ng		100
9) Benzaldehyde	6.910	77	315307	24.339	ng		96
10) Phenol	6.981	94	1077085	43.721	ng		98
11) bis(2-Chloroethyl)ether	7.193	93	851657	44.084	ng		98
12) 1,3-Dichlorobenzene	7.657	146	1087817	44.249	ng		99
13) 1,4-Dichlorobenzene	7.804	146	1089017	44.025	ng		98
14) 1,2-Dichlorobenzene	8.122	146	1041915	44.719	ng		99
15) Benzyl Alcohol	8.016	79	693251	43.610	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.292	45	1015241	47.149	ng		99
17) 2-Methylphenol	8.222	107	697999	45.977	ng		99
18) Hexachloroethane	8.851	117	385306	44.772	ng		95
19) n-Nitroso-di-n-propyla...	8.581	70	621484	44.449	ng		99
20) 3+4-Methylphenols	8.551	107	931780	45.019	ng		99
22) Acetophenone	8.592	105	1240801	43.705	ng	#	99
24) Nitrobenzene	8.969	77	886701	43.896	ng		97
25) Isophorone	9.498	82	1647927	46.893	ng		99
26) 2-Nitrophenol	9.681	139	481328	44.958	ng		100
27) 2,4-Dimethylphenol	9.751	122	777955	64.118	ng		99
28) bis(2-Chloroethoxy)met...	9.975	93	1040001	44.204	ng		99
29) 2,4-Dichlorophenol	10.228	162	887483	44.003	ng		99
30) 1,2,4-Trichlorobenzene	10.428	180	1035844	44.396	ng		99
31) Naphthalene	10.616	128	2540704	42.327	ng		99
32) Benzoic acid	9.898	122	492488m	35.460	ng		
33) 4-Chloroaniline	10.733	127	422507	19.934	ng		99
34) Hexachlorobutadiene	10.904	225	661145	45.810	ng		98
35) Caprolactam	11.516	113	236399	40.867	ng		95
36) 4-Chloro-3-methylphenol	11.869	107	768202	43.483	ng		98
37) 2-Methylnaphthalene	12.233	142	1647892	38.965	ng		99
38) 1-Methylnaphthalene	12.451	142	1726179	41.896	ng		99
40) 1,2,4,5-Tetrachloroben...	12.604	216	1147225	45.287	ng		99
41) Hexachlorocyclopentadiene	12.580	237	1458344	164.291	ng		99
43) 2,4,6-Trichlorophenol	12.851	196	745515	46.248	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	806747	46.054	ng	98
46) 1,1'-Biphenyl	13.245	154	2367225	43.978	ng	99
47) 2-Chloronaphthalene	13.286	162	1883541	44.520	ng	99
48) 2-Nitroaniline	13.492	65	457567	46.750	ng	96
49) Acenaphthylene	14.139	152	2945348	47.793	ng	100
50) Dimethylphthalate	13.874	163	2259246	44.226	ng	100
51) 2,6-Dinitrotoluene	13.992	165	490474	45.827	ng	98
52) Acenaphthene	14.480	154	1708188	43.576	ng	100
53) 3-Nitroaniline	14.322	138	330670	31.966	ng	97
54) 2,4-Dinitrophenol	14.539	184	632507	81.461	ng	96
55) Dibenzofuran	14.816	168	2765458	42.201	ng	99
56) 4-Nitrophenol	14.657	139	833480	90.417	ng	97
57) 2,4-Dinitrotoluene	14.786	165	691423	48.424	ng	95
58) Fluorene	15.463	166	2296970	44.097	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.051	232	681206	44.368	ng	97
60) Diethylphthalate	15.239	149	2097689	42.820	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1248230	44.696	ng	99
62) 4-Nitroaniline	15.486	138	478270	44.709	ng	99
63) Azobenzene	15.751	77	1798794	42.888	ng	99
65) 4,6-Dinitro-2-methylph...	15.551	198	402662	45.619	ng	98
66) n-Nitrosodiphenylamine	15.674	169	1937966	46.232	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	756659	46.534	ng	96
68) Hexachlorobenzene	16.474	284	873570	46.837	ng	99
69) Atrazine	16.627	200	680092	62.575	ng	98
70) Pentachlorophenol	16.821	266	1207016	87.902	ng	100
71) Phenanthrene	17.204	178	3487931	45.420	ng	100
72) Anthracene	17.292	178	3556152	46.991	ng	100
73) Carbazole	17.568	167	3220292	45.179	ng	99
74) Di-n-butylphthalate	18.127	149	3632427	44.244	ng	100
75) Fluoranthene	19.221	202	4234469	44.847	ng	99
77) Benzidine	19.409	184	1398289	76.048	ng	99
78) Pyrene	19.586	202	4376861	45.822	ng	99
80) Butylbenzylphthalate	20.480	149	1626969	45.330	ng	98
81) Benzo(a)anthracene	21.386	228	4280510	46.471	ng	100
82) 3,3'-Dichlorobenzidine	21.309	252	1097289	31.545	ng	100
83) Chrysene	21.445	228	3943451	45.031	ng	99
84) Bis(2-ethylhexyl)phtha...	21.303	149	2300490	43.993	ng	99
85) Di-n-octyl phthalate	22.439	149	3952059	43.200	ng	100
87) Indeno(1,2,3-cd)pyrene	27.809	276	5103768	46.396	ng	99
88) Benzo(b)fluoranthene	23.462	252	4181505	44.365	ng	99
89) Benzo(k)fluoranthene	23.521	252	4136825	45.292	ng	99
90) Benzo(a)pyrene	24.268	252	4022413	48.567	ng	99
91) Dibenzo(a,h)anthracene	27.856	278	4167418	45.993	ng	100
92) Benzo(g,h,i)perylene	28.868	276	4014440	43.356	ng	99

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

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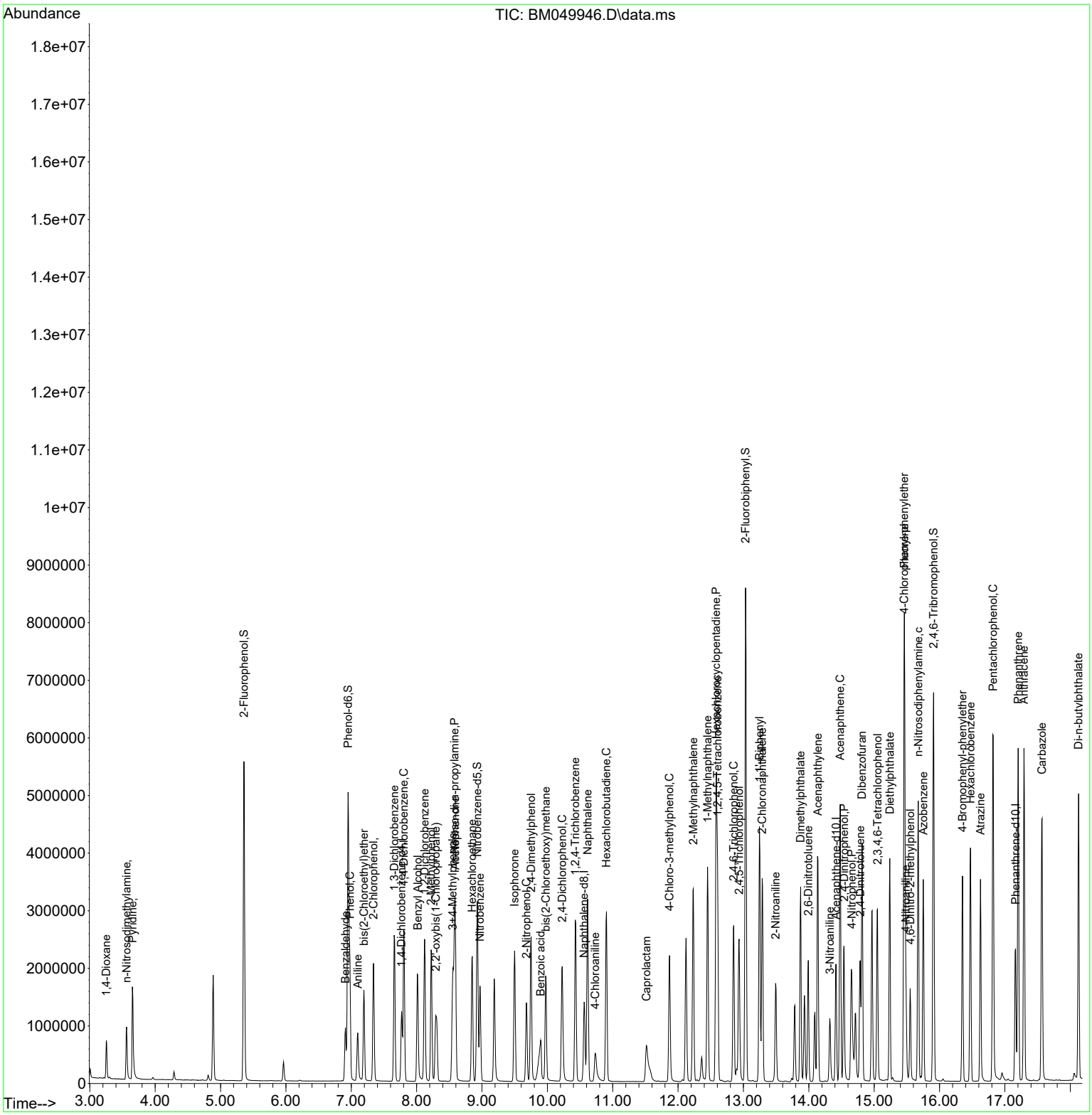

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