Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041425\
Data File : BM049915.D
Acq On : 14 Apr 2025 15:50
Operator : RC/JU
Sample : Q1756-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 14 16:36:32 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 :
TP-9MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli
04/15/2025
Supervised By :Jagrut Upadhyay
04/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	386906	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1374460	20.000	ng	-0.01
39) Acenaphthene-d10	14.415	164	902834	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	1855729	20.000	ng	0.00
76) Chrysene-d12	21.397	240	2089904	20.000	ng	0.00
86) Perylene-d12	24.391	264	2215771	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	2627918	115.336	ng	0.00
7) Phenol-d6	6.951	99	3036094	107.098	ng	0.00
23) Nitrobenzene-d5	8.928	82	2029085	82.207	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1824678	138.948	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	5384486	80.872	ng	-0.01
79) Terphenyl-d14	19.786	244	8565102	76.805	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	346783	36.956	ng	# 84
3) Pyridine	3.669	79	950729	38.563	ng	98
4) n-Nitrosodimethylamine	3.563	42	406929	43.371	ng	98
6) Aniline	7.110	93	722177	29.730	ng	100
8) 2-Chlorophenol	7.345	128	1102676	47.223	ng	98
9) Benzaldehyde	6.910	77	365851	25.148	ng	98
10) Phenol	6.981	94	1189850	43.010	ng	99
11) bis(2-Chloroethyl)ether	7.192	93	1261531	58.151	ng	94
12) 1,3-Dichlorobenzene	7.663	146	1236340	44.784	ng	99
13) 1,4-Dichlorobenzene	7.804	146	1239910	44.637	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1203965	46.017	ng	99
15) Benzyl Alcohol	8.016	79	830209	46.507	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.298	45	1185574	49.031	ng	100
17) 2-Methylphenol	8.228	107	850538	49.891	ng	100
18) Hexachloroethane	8.851	117	426315	44.113	ng	97
19) n-Nitroso-di-n-propyla...	8.581	70	778959	49.612	ng	99
20) 3+4-Methylphenols	8.551	107	1144812	49.256	ng	99
22) Acetophenone	8.592	105	1538964	46.072	ng	99
24) Nitrobenzene	8.969	77	1086481	45.714	ng	99
25) Isophorone	9.498	82	2132453	51.573	ng	99
26) 2-Nitrophenol	9.680	139	596798	47.376	ng	99
27) 2,4-Dimethylphenol	9.751	122	975939	68.362	ng	98
28) bis(2-Chloroethoxy)met...	9.975	93	1318189	47.619	ng	99
29) 2,4-Dichlorophenol	10.228	162	1136517	47.893	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	1238531	45.115	ng	100
31) Naphthalene	10.616	128	3124028	44.234	ng	100
32) Benzoic acid	9.904	122	606506	36.716	ng	98
33) 4-Chloroaniline	10.769	127	875830	35.119	ng	98
34) Hexachlorobutadiene	10.904	225	772184	45.473	ng	97
35) Caprolactam	11.527	113	277651m	40.794	ng	
36) 4-Chloro-3-methylphenol	11.869	107	997266	47.976	ng	98
37) 2-Methylnaphthalene	12.233	142	2123237	42.670	ng	100
38) 1-Methylnaphthalene	12.451	142	2225386	45.905	ng	100
40) 1,2,4,5-Tetrachloroben...	12.604	216	1476792	46.756	ng	99
41) Hexachlorocyclopentadiene	12.586	237	1669521	150.846	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	989893	49.251	ng	99

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44) 2,4,5-Trichlorophenol	12.933	196	1075419	49.237	ng		99
46) 1,1'-Biphenyl	13.245	154	3114539	46.407	ng		99
47) 2-Chloronaphthalene	13.286	162	2462397	46.680	ng		98
48) 2-Nitroaniline	13.492	65	630622	51.675	ng		96
49) Acenaphthylene	14.139	152	3947560	51.374	ng		100
50) Dimethylphthalate	13.874	163	3120872	48.998	ng		99
51) 2,6-Dinitrotoluene	13.992	165	682439	51.139	ng		96
52) Acenaphthene	14.480	154	2295470	46.965	ng		99
53) 3-Nitroaniline	14.321	138	599632	46.491	ng		98
54) 2,4-Dinitrophenol	14.533	184	952990	96.932	ng		95
55) Dibenzofuran	14.815	168	3795321	46.451	ng		98
56) 4-Nitrophenol	14.651	139	1115513	97.056	ng		99
57) 2,4-Dinitrotoluene	14.780	165	978868	54.984	ng		98
58) Fluorene	15.462	166	3189740	49.113	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	942177	49.216	ng		98
60) Diethylphthalate	15.239	149	2980940	48.803	ng		99
61) 4-Chlorophenyl-phenyle...	15.457	204	1743805	50.080	ng		99
62) 4-Nitroaniline	15.486	138	684001	51.282	ng		99
63) Azobenzene	15.751	77	2475526	47.338	ng		98
65) 4,6-Dinitro-2-methylph...	15.545	198	596367	50.998	ng		98
66) n-Nitrosodiphenylamine	15.674	169	2729914	49.157	ng		100
67) 4-Bromophenyl-phenylether	16.351	248	1058126	49.117	ng		96
68) Hexachlorobenzene	16.474	284	1231470	49.836	ng		98
69) Atrazine	16.627	200	985614	68.449	ng		99
70) Pentachlorophenol	16.815	266	1840393	101.164	ng		99
71) Phenanthrene	17.204	178	5083346	49.965	ng		100
72) Anthracene	17.292	178	5148994	51.356	ng		100
73) Carbazole	17.562	167	4785383	50.674	ng		99
74) Di-n-butylphthalate	18.127	149	5463252	50.228	ng		100
75) Fluoranthene	19.215	202	6478811	51.792	ng		99
77) Benzidine	19.403	184	1968161	70.987	ng		100
78) Pyrene	19.580	202	6728833	46.717	ng		99
80) Butylbenzylphthalate	20.480	149	2593100	47.913	ng		96
81) Benzo(a)anthracene	21.380	228	7075814	50.944	ng		99
82) 3,3'-Dichlorobenzidine	21.303	252	1721537	32.821	ng		99
83) Chrysene	21.439	228	6512071	49.316	ng		99
84) Bis(2-ethylhexyl)phtha...	21.303	149	3743319	47.473	ng	#	97
85) Di-n-octyl phthalate	22.433	149	6610027	47.918	ng		99
87) Indeno(1,2,3-cd)pyrene	27.779	276	8353163	50.574	ng		99
88) Benzo(b)fluoranthene	23.450	252	7015737	49.577	ng		99
89) Benzo(k)fluoranthene	23.515	252	7070936	51.561	ng		99
90) Benzo(a)pyrene	24.256	252	6743538	54.229	ng		98
91) Dibenzo(a,h)anthracene	27.844	278	6824298	50.162	ng		99
92) Benzo(g,h,i)perylene	28.838	276	6477053	46.591	ng		98

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

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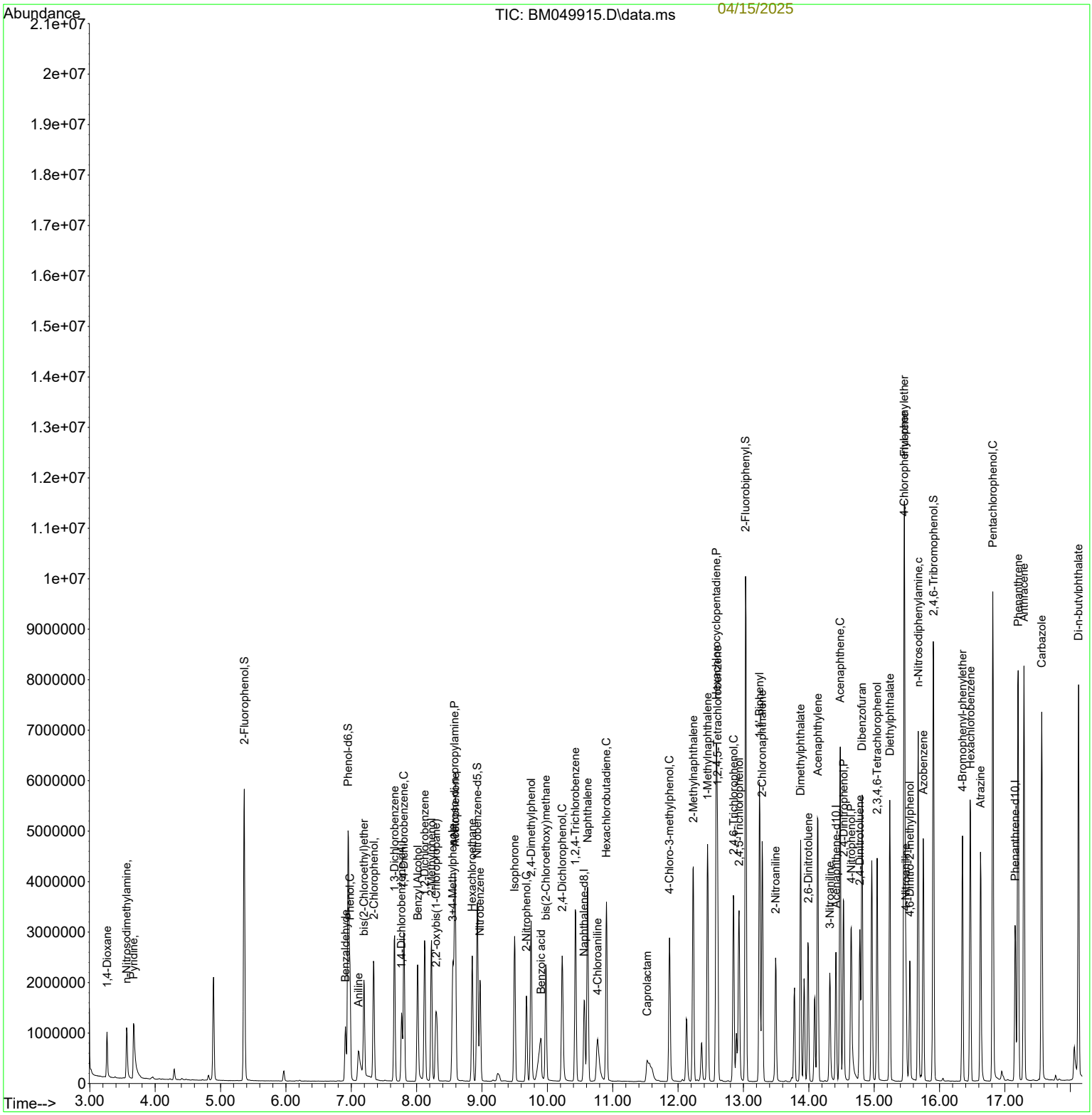

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