Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040425\
Data File : BM049820.D
Acq On : 04 Apr 2025 12:35
Operator : RC/JU
Sample : PB167428BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 04 13:12:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB167428BS

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 04/07/2025
Supervised By :Jagrut Upadhyay 04/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	421061	20.000	ng	-0.02
21) Naphthalene-d8	10.580	136	1439318	20.000	ng	-0.02
39) Acenaphthene-d10	14.427	164	860722	20.000	ng	-0.02
64) Phenanthrene-d10	17.168	188	1585330	20.000	ng	-0.02
76) Chrysene-d12	21.409	240	1410805	20.000	ng	-0.02
86) Perylene-d12	24.409	264	1340554	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	3526170	141.305	ng	-0.02
7) Phenol-d6	6.963	99	4211557	134.484	ng	-0.02
23) Nitrobenzene-d5	8.945	82	2488788	88.777	ng	-0.02
42) 2,4,6-Tribromophenol	15.921	330	1796787	178.773	ng	-0.01
45) 2-Fluorobiphenyl	13.051	172	6309844	91.810	ng	-0.02
79) Terphenyl-d14	19.797	244	8866065	105.900	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	411999	38.139	ng	95
3) Pyridine	3.669	79	1135868	41.172	ng	97
4) n-Nitrosodimethylamine	3.575	42	488748	40.038	ng	91
6) Aniline	7.116	93	979379	37.329	ng	97
8) 2-Chlorophenol	7.357	128	1231004	49.815	ng	96
9) Benzaldehyde	6.922	77	624810	40.358	ng	96
10) Phenol	6.992	94	1466079	48.281	ng	93
11) bis(2-Chloroethyl)ether	7.210	93	1164156	47.343	ng	97
12) 1,3-Dichlorobenzene	7.675	146	1458803	48.576	ng	98
13) 1,4-Dichlorobenzene	7.822	146	1467310	48.431	ng	99
14) 1,2-Dichlorobenzene	8.139	146	1405476	48.813	ng	99
15) Benzyl Alcohol	8.028	79	950752	48.378	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.310	45	1347982m	46.642	ng	
17) 2-Methylphenol	8.233	107	930990	51.641	ng	96
18) Hexachloroethane	8.869	117	519913	48.594	ng	92
19) n-Nitroso-di-n-propyla...	8.598	70	832781	45.860	ng	97
20) 3+4-Methylphenols	8.563	107	1242693	51.437	ng	98
22) Acetophenone	8.610	105	1666900	44.916	ng	97
24) Nitrobenzene	8.986	77	1194316	45.181	ng	94
25) Isophorone	9.516	82	2184000	50.741	ng	98
26) 2-Nitrophenol	9.698	139	624301	55.489	ng	94
27) 2,4-Dimethylphenol	9.763	122	1036748	72.393	ng	96
28) bis(2-Chloroethoxy)met...	9.992	93	1408211	46.452	ng	99
29) 2,4-Dichlorophenol	10.233	162	1161206	49.761	ng	98
30) 1,2,4-Trichlorobenzene	10.445	180	1380042	47.267	ng	99
31) Naphthalene	10.633	128	3410717	46.084	ng	99
32) Benzoic acid	9.910	122	698987	57.390	ng	96
33) 4-Chloroaniline	10.739	127	426442	16.883	ng	97
34) Hexachlorobutadiene	10.922	225	874461	48.517	ng	99
35) Caprolactam	11.527	113	290803	53.675	ng	89
36) 4-Chloro-3-methylphenol	11.874	107	978414	48.857	ng	98
37) 2-Methylnaphthalene	12.245	142	2194041	42.396	ng	99
38) 1-Methylnaphthalene	12.469	142	2303069	46.126	ng	98
40) 1,2,4,5-Tetrachloroben...	12.621	216	1538543	48.663	ng	98
41) Hexachlorocyclopentadiene	12.604	237	2360762	201.555	ng	97
43) 2,4,6-Trichlorophenol	12.863	196	933673	52.729	ng	98

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44) 2,4,5-Trichlorophenol	12.933	196	992516	51.365	ng	99
46) 1,1'-Biphenyl	13.263	154	3110726	46.893	ng	99
47) 2-Chloronaphthalene	13.304	162	2454540	47.537	ng	99
48) 2-Nitroaniline	13.504	65	569765	49.155	ng	92
49) Acenaphthylene	14.151	152	3808801	52.773	ng	99
50) Dimethylphthalate	13.886	163	2845426	48.016	ng	100
51) 2,6-Dinitrotoluene	14.004	165	606954	51.116	ng	88
52) Acenaphthene	14.492	154	2213902	46.765	ng	99
53) 3-Nitroaniline	14.327	138	243923	21.587	ng	95
54) 2,4-Dinitrophenol	14.539	184	779978	95.619	ng	91
55) Dibenzofuran	14.827	168	3554967	45.065	ng	98
56) 4-Nitrophenol	14.651	139	1071551	108.947	ng	89
57) 2,4-Dinitrotoluene	14.792	165	830895	54.381	ng	94
58) Fluorene	15.480	166	2982094	46.431	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.057	232	817324	50.531	ng	98
60) Diethylphthalate	15.257	149	2688604	48.172	ng	98
61) 4-Chlorophenyl-phenyle...	15.474	204	1630217	46.482	ng	99
62) 4-Nitroaniline	15.492	138	568749	42.751	ng	94
63) Azobenzene	15.762	77	2333127	43.765	ng	96
65) 4,6-Dinitro-2-methylph...	15.557	198	472950	53.267	ng	97
66) n-Nitrosodiphenylamine	15.686	169	2444332	50.889	ng	98
67) 4-Bromophenyl-phenylether	16.368	248	933250	50.987	ng	97
68) Hexachlorobenzene	16.486	284	1050523	51.039	ng	95
69) Atrazine	16.639	200	863029	81.529	ng	99
70) Pentachlorophenol	16.827	266	1491006	115.271	ng	98
71) Phenanthrene	17.215	178	4345172	49.360	ng	100
72) Anthracene	17.303	178	4426158	51.918	ng	100
73) Carbazole	17.574	167	3896574	50.469	ng	99
74) Di-n-butylphthalate	18.139	149	4468135	52.801	ng	99
75) Fluoranthene	19.227	202	4991069	49.247	ng	100
77) Benzidine	19.409	184	1809102	106.735	ng	100
78) Pyrene	19.592	202	5126111	52.006	ng	100
80) Butylbenzylphthalate	20.492	149	1881843	61.520	ng	95
81) Benzo(a)anthracene	21.391	228	4849951	51.468	ng	100
82) 3,3'-Dichlorobenzidine	21.309	252	918569	29.940	ng	99
83) Chrysene	21.450	228	4426143	49.550	ng	100
84) Bis(2-ethylhexyl)phtha...	21.315	149	2762639	57.951	ng	98
85) Di-n-octyl phthalate	22.450	149	4550916	61.420	ng	97
87) Indeno(1,2,3-cd)pyrene	27.797	276	4814935	49.902	ng	99
88) Benzo(b)fluoranthene	23.462	252	4301582	47.641	ng	100
89) Benzo(k)fluoranthene	23.527	252	4368381	49.168	ng	99
90) Benzo(a)pyrene	24.268	252	4092949	53.967	ng	99
91) Dibenzo(a,h)anthracene	27.856	278	3956444	49.216	ng	99
92) Benzo(g,h,i)perylene	28.856	276	3757239	46.401	ng	99

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

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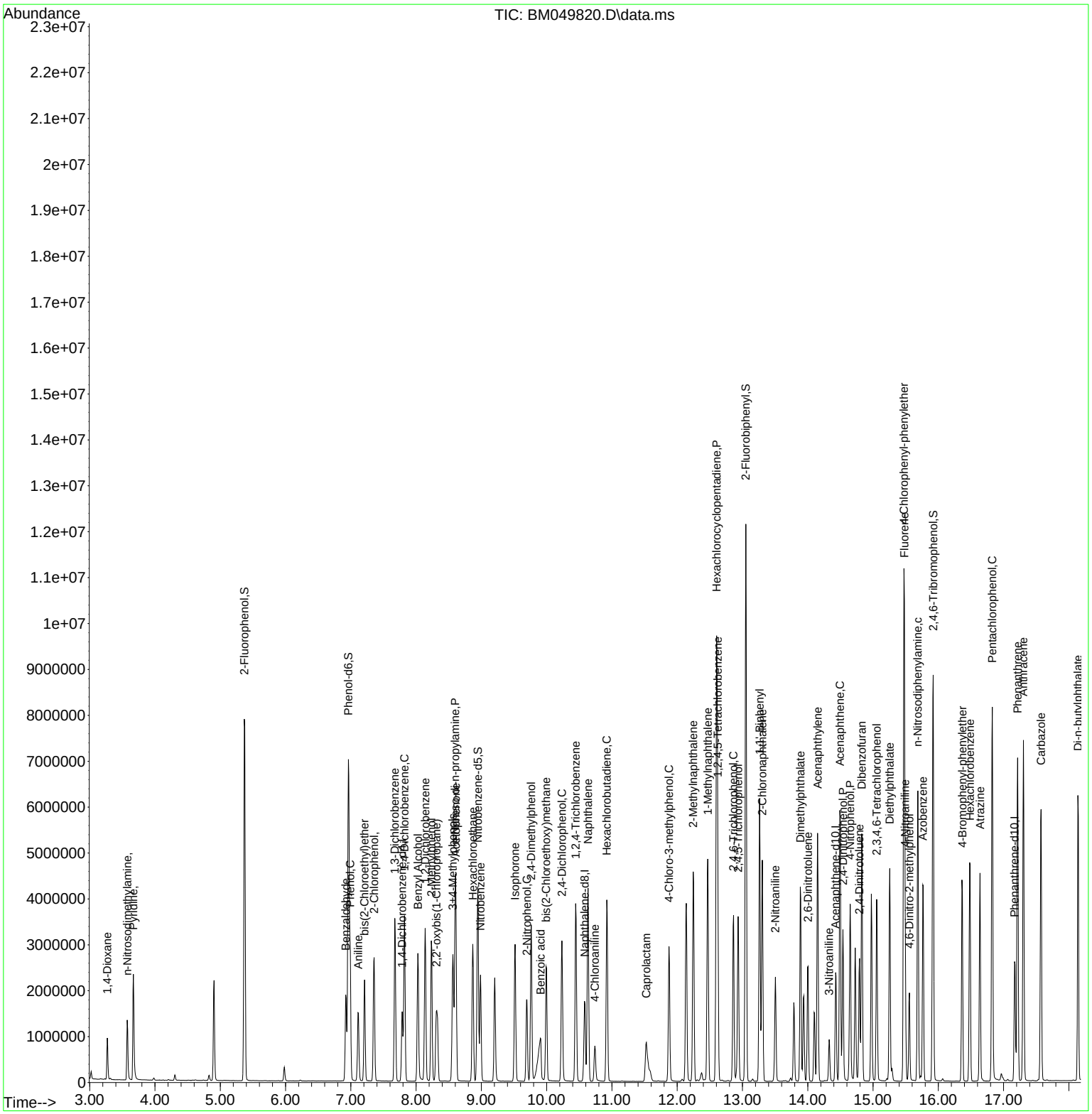

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