Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072225\
Data File : BM050480.D
Acq On : 22 Jul 2025 09:01
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jul 22 10:44:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 16:20:15 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	516507	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	1969634	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	1304274	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	2549815	20.000	ng	0.00
76) Chrysene-d12	21.427	240	2695199	20.000	ng	0.00
86) Perylene-d12	24.450	264	2785175	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	2395513	79.833	ng	0.00
7) Phenol-d6	7.010	99	3114853	82.346	ng	0.00
23) Nitrobenzene-d5	8.998	82	3121874	80.864	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1434556	90.525	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	8242335	78.041	ng	0.00
79) Terphenyl-d14	19.815	244	11790228	76.968	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	481011	38.984	ng	99
3) Pyridine	3.728	79	1278396	39.465	ng	98
4) n-Nitrosodimethylamine	3.634	42	569067	37.682	ng	95
6) Aniline	7.175	93	1976331	40.712	ng	98
8) 2-Chlorophenol	7.410	128	1288204	40.714	ng	98
9) Benzaldehyde	6.987	77	3912018	173.856	ng	99
10) Phenol	7.034	94	1570134	39.797	ng	100
11) bis(2-Chloroethyl)ether	7.269	93	1242352	39.320	ng	98
12) 1,3-Dichlorobenzene	7.739	146	1518002	39.456	ng	97
13) 1,4-Dichlorobenzene	7.881	146	1543551	39.291	ng	99
14) 1,2-Dichlorobenzene	8.198	146	1479000	39.324	ng	99
15) Benzyl Alcohol	8.081	79	1085639	40.734	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.375	45	1794689	38.562	ng	99
17) 2-Methylphenol	8.286	107	1029708	40.241	ng	98
18) Hexachloroethane	8.928	117	543869	39.364	ng	99
19) n-Nitroso-di-n-propyla...	8.651	70	958657	41.835	ng	96
20) 3+4-Methylphenols	8.610	107	1385809	40.342	ng	99
22) Acetophenone	8.663	105	1914245	38.871	ng	98
24) Nitrobenzene	9.039	77	1363798	39.587	ng	100
25) Isophorone	9.575	82	2555967	40.800	ng	99
26) 2-Nitrophenol	9.751	139	678026	48.290	ng	98
27) 2,4-Dimethylphenol	9.816	122	1221551	40.885	ng	97
28) bis(2-Chloroethoxy)met...	10.051	93	1646477	39.664	ng	99
29) 2,4-Dichlorophenol	10.286	162	1280613	41.721	ng	99
30) 1,2,4-Trichlorobenzene	10.504	180	1459655	39.752	ng	100
31) Naphthalene	10.692	128	3936556	39.349	ng	99
32) Benzoic acid	9.933	122	825401	45.380	ng	98
33) 4-Chloroaniline	10.792	127	1726285	40.816	ng	99
34) Hexachlorobutadiene	10.986	225	880771	39.300	ng	99
35) Caprolactam	11.574	113	371874	44.380	ng	91
36) 4-Chloro-3-methylphenol	11.916	107	1211896	42.280	ng	99
37) 2-Methylnaphthalene	12.298	142	2592047	41.034	ng	98
38) 1-Methylnaphthalene	12.516	142	2741862	41.015	ng	100
40) 1,2,4,5-Tetrachloroben...	12.669	216	1632367	39.356	ng	99
41) Hexachlorocyclopentadiene	12.657	237	1047494	39.509	ng	99
43) 2,4,6-Trichlorophenol	12.904	196	1086365	42.551	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	1180652	42.343	ng	98
46) 1,1'-Biphenyl	13.310	154	3779344	39.056	ng	100
47) 2-Chloronaphthalene	13.351	162	2983504	38.669	ng	99
48) 2-Nitroaniline	13.545	65	750970	43.606	ng	97
49) Acenaphthylene	14.198	152	4651638	39.893	ng	99
50) Dimethylphthalate	13.933	163	3581270	39.882	ng	100
51) 2,6-Dinitrotoluene	14.039	165	763808	44.301	ng	97
52) Acenaphthene	14.539	154	2821425m	38.060	ng	
53) 3-Nitroaniline	14.368	138	807497	44.040	ng	99
54) 2,4-Dinitrophenol	14.568	184	420843	47.099	ng	88
55) Dibenzofuran	14.868	168	4456739	39.018	ng	100
56) 4-Nitrophenol	14.668	139	677850	42.989	ng	94
57) 2,4-Dinitrotoluene	14.827	165	1051631	41.157	ng	95
58) Fluorene	15.515	166	3722310	39.565	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	1010600	43.056	ng	97
60) Diethylphthalate	15.292	149	3465069	40.397	ng	99
61) 4-Chlorophenyl-phenyle...	15.510	204	1958961	39.821	ng	100
62) 4-Nitroaniline	15.527	138	834871	40.058	ng	99
63) Azobenzene	15.804	77	3069119	38.966	ng	98
65) 4,6-Dinitro-2-methylph...	15.586	198	609553	44.923	ng	93
66) n-Nitrosodiphenylamine	15.721	169	3170050	39.731	ng	100
67) 4-Bromophenyl-phenylether	16.404	248	1149336	40.912	ng	98
68) Hexachlorobenzene	16.521	284	1356644	40.887	ng	94
69) Atrazine	16.668	200	1097241	41.880	ng	99
70) Pentachlorophenol	16.856	266	890518	43.114	ng	99
71) Phenanthrene	17.251	178	5658851	39.221	ng	100
72) Anthracene	17.339	178	5728330	39.885	ng	99
73) Carbazole	17.603	167	5242233	40.340	ng	99
74) Di-n-butylphthalate	18.174	149	5859807	41.198	ng	100
75) Fluoranthene	19.256	202	6508308	41.493	ng	99
77) Benzidine	19.433	184	2351317	34.204	ng	99
78) Pyrene	19.615	202	6888445	39.907	ng	100
80) Butylbenzylphthalate	20.509	149	2597714	45.641	ng	99
81) Benzo(a)anthracene	21.409	228	7062760	40.218	ng	100
82) 3,3'-Dichlorobenzidine	21.333	252	2458495	41.513	ng	99
83) Chrysene	21.474	228	6555675	39.578	ng	100
84) Bis(2-ethylhexyl)phtha...	21.339	149	3970551	43.945	ng	97
85) Di-n-octyl phthalate	22.480	149	6495178	45.898	ng	98
87) Indeno(1,2,3-cd)pyrene	27.868	276	8161945	41.217	ng	99
88) Benzo(b)fluoranthene	23.497	252	6786189	39.612	ng	100
89) Benzo(k)fluoranthene	23.562	252	6924640	38.954	ng	99
90) Benzo(a)pyrene	24.315	252	6477926	40.394	ng	99
91) Dibenzo(a,h)anthracene	27.926	278	6768353	40.585	ng	98
92) Benzo(g,h,i)perylene	28.938	276	6498499	41.230	ng	99

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

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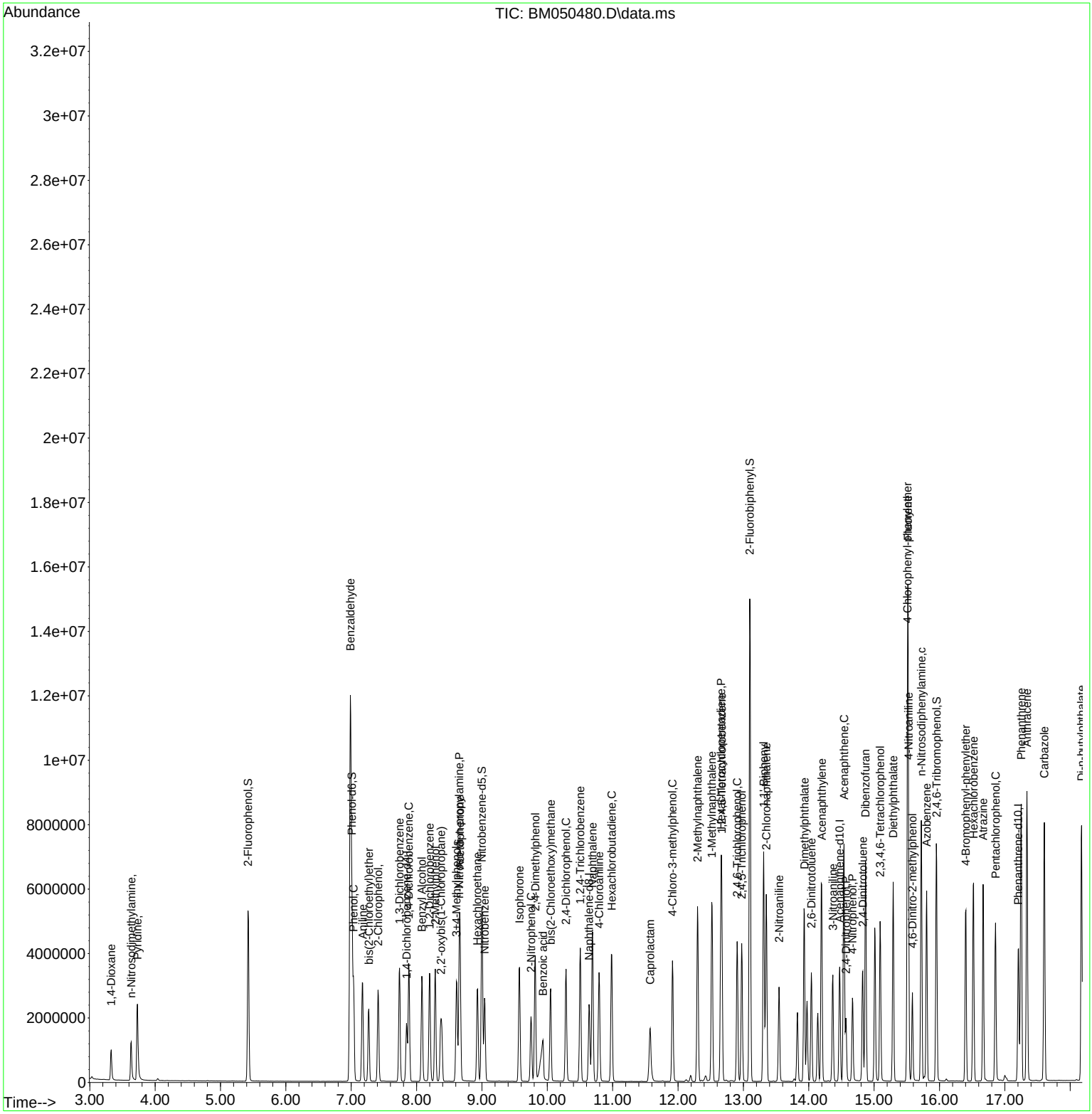

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