Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050081.D
Acq On : 02 May 2025 11:52
Operator : RC/JU
Sample : PB167803BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167803BS

Quant Time: May 02 12:47:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.751	152	238731	20.000	ng	-0.02
21) Naphthalene-d8	10.539	136	852455	20.000	ng	-0.02
39) Acenaphthene-d10	14.398	164	546617	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	1041831	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	1028150	20.000	ng	-0.01
86) Perylene-d12	24.374	264	1050834	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1823203	133.731	ng	-0.01
7) Phenol-d6	6.939	99	2240387	130.746	ng	-0.01
23) Nitrobenzene-d5	8.910	82	1299262	75.104	ng	-0.02
42) 2,4,6-Tribromophenol	15.892	330	1027949	127.183	ng	-0.01
45) 2-Fluorobiphenyl	13.015	172	3406612	73.726	ng	-0.02
79) Terphenyl-d14	19.768	244	5346201	76.944	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	202965	34.721	ng	98
3) Pyridine	3.640	79	574993	38.284	ng	99
4) n-Nitrosodimethylamine	3.546	42	254557	43.214	ng	98
6) Aniline	7.081	93	385920	17.836	ng	98
8) 2-Chlorophenol	7.322	128	646960	43.889	ng	98
9) Benzaldehyde	6.892	77	298237	26.008	ng	98
10) Phenol	6.963	94	796370	45.909	ng	99
11) bis(2-Chloroethyl)ether	7.175	93	601231	41.507	ng	99
12) 1,3-Dichlorobenzene	7.639	146	737329	41.408	ng	99
13) 1,4-Dichlorobenzene	7.786	146	742090	41.484	ng	99
14) 1,2-Dichlorobenzene	8.098	146	716761	41.480	ng	98
15) Benzyl Alcohol	7.998	79	518865	43.663	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.275	45	731665	41.554	ng	99
17) 2-Methylphenol	8.210	107	504118	44.114	ng	99
18) Hexachloroethane	8.822	117	264223	41.551	ng	95
19) n-Nitroso-di-n-propyla...	8.557	70	457904	41.666	ng	99
20) 3+4-Methylphenols	8.539	107	680776	44.113	ng	98
22) Acetophenone	8.575	105	897627	42.354	ng	98
24) Nitrobenzene	8.951	77	649250	43.404	ng	99
25) Isophorone	9.480	82	1191736	40.413	ng	99
26) 2-Nitrophenol	9.663	139	336179	43.992	ng	98
27) 2,4-Dimethylphenol	9.733	122	560187	44.204	ng	98
28) bis(2-Chloroethoxy)met...	9.957	93	760340	41.717	ng	100
29) 2,4-Dichlorophenol	10.210	162	631822	44.503	ng	99
30) 1,2,4-Trichlorobenzene	10.410	180	723534	41.829	ng	100
31) Naphthalene	10.592	128	1806992	41.857	ng	100
32) Benzoic acid	9.898	122	338454	41.758	ng	99
33) 4-Chloroaniline	10.722	127	236990	13.393	ng	99
34) Hexachlorobutadiene	10.874	225	453768	41.328	ng	99
35) Caprolactam	11.504	113	169843	41.029	ng	92
36) 4-Chloro-3-methylphenol	11.857	107	555694	42.366	ng	99
37) 2-Methylnaphthalene	12.210	142	1182840	40.867	ng	100
38) 1-Methylnaphthalene	12.427	142	1246383	40.691	ng	100
40) 1,2,4,5-Tetrachloroben...	12.586	216	816106	43.129	ng	99
41) Hexachlorocyclopentadiene	12.557	237	1092645	94.488	ng	99
43) 2,4,6-Trichlorophenol	12.833	196	534568	44.541	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.915	196	572778	44.257	ng	99
46) 1,1'-Biphenyl	13.227	154	1714850	42.204	ng	99
47) 2-Chloronaphthalene	13.268	162	1372162	42.639	ng	100
48) 2-Nitroaniline	13.480	65	337316	44.660	ng	97
49) Acenaphthylene	14.115	152	2154517	42.462	ng	100
50) Dimethylphthalate	13.857	163	1655809	41.450	ng	100
51) 2,6-Dinitrotoluene	13.974	165	360700	43.611	ng	96
52) Acenaphthene	14.462	154	1237912	42.149	ng	99
53) 3-Nitroaniline	14.315	138	140875	17.840	ng	99
54) 2,4-Dinitrophenol	14.527	184	452687	85.127	ng	99
55) Dibenzofuran	14.798	168	2035860	41.663	ng	99
56) 4-Nitrophenol	14.651	139	556814	86.298	ng	99
57) 2,4-Dinitrotoluene	14.774	165	506537	44.321	ng	99
58) Fluorene	15.445	166	1702863	42.574	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.033	232	480862	42.923	ng	99
60) Diethylphthalate	15.221	149	1534231	40.759	ng	99
61) 4-Chlorophenyl-phenyle...	15.439	204	928613	42.269	ng	99
62) 4-Nitroaniline	15.480	138	315457	41.407	ng	97
63) Azobenzene	15.733	77	1344729	42.627	ng	100
65) 4,6-Dinitro-2-methylph...	15.545	198	293420	44.993	ng	98
66) n-Nitrosodiphenylamine	15.656	169	1401982	43.823	ng	100
67) 4-Bromophenyl-phenylether	16.333	248	537365	42.653	ng	98
68) Hexachlorobenzene	16.456	284	620070	42.697	ng	98
69) Atrazine	16.609	200	499731	43.305	ng	99
70) Pentachlorophenol	16.803	266	815255	99.731	ng	98
71) Phenanthrene	17.186	178	2550491	43.405	ng	99
72) Anthracene	17.274	178	2596482	43.664	ng	100
73) Carbazole	17.550	167	2281814	44.221	ng	99
74) Di-n-butylphthalate	18.109	149	2588026	42.116	ng	100
75) Fluoranthene	19.203	202	3027358	43.882	ng	100
77) Benzidine	19.397	184	874516	23.946	ng	99
78) Pyrene	19.568	202	3117233	43.175	ng	100
80) Butylbenzylphthalate	20.462	149	1135997	42.009	ng	94
81) Benzo(a)anthracene	21.368	228	3113215	43.971	ng	100
82) 3,3'-Dichlorobenzidine	21.291	252	536223	19.784	ng	99
83) Chrysene	21.427	228	2897203	44.213	ng	100
84) Bis(2-ethylhexyl)phtha...	21.286	149	1668880	41.318	ng	100
85) Di-n-octyl phthalate	22.409	149	2819567	42.329	ng	99
87) Indeno(1,2,3-cd)pyrene	27.762	276	3738994	47.752	ng	100
88) Benzo(b)fluoranthene	23.432	252	2984894	43.678	ng	100
89) Benzo(k)fluoranthene	23.497	252	2991504	43.276	ng	100
90) Benzo(a)pyrene	24.238	252	2839325	44.360	ng	99
91) Dibenzo(a,h)anthracene	27.803	278	3076788	48.205	ng	99
92) Benzo(g,h,i)perylene	28.814	276	2916539	47.729	ng	99

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

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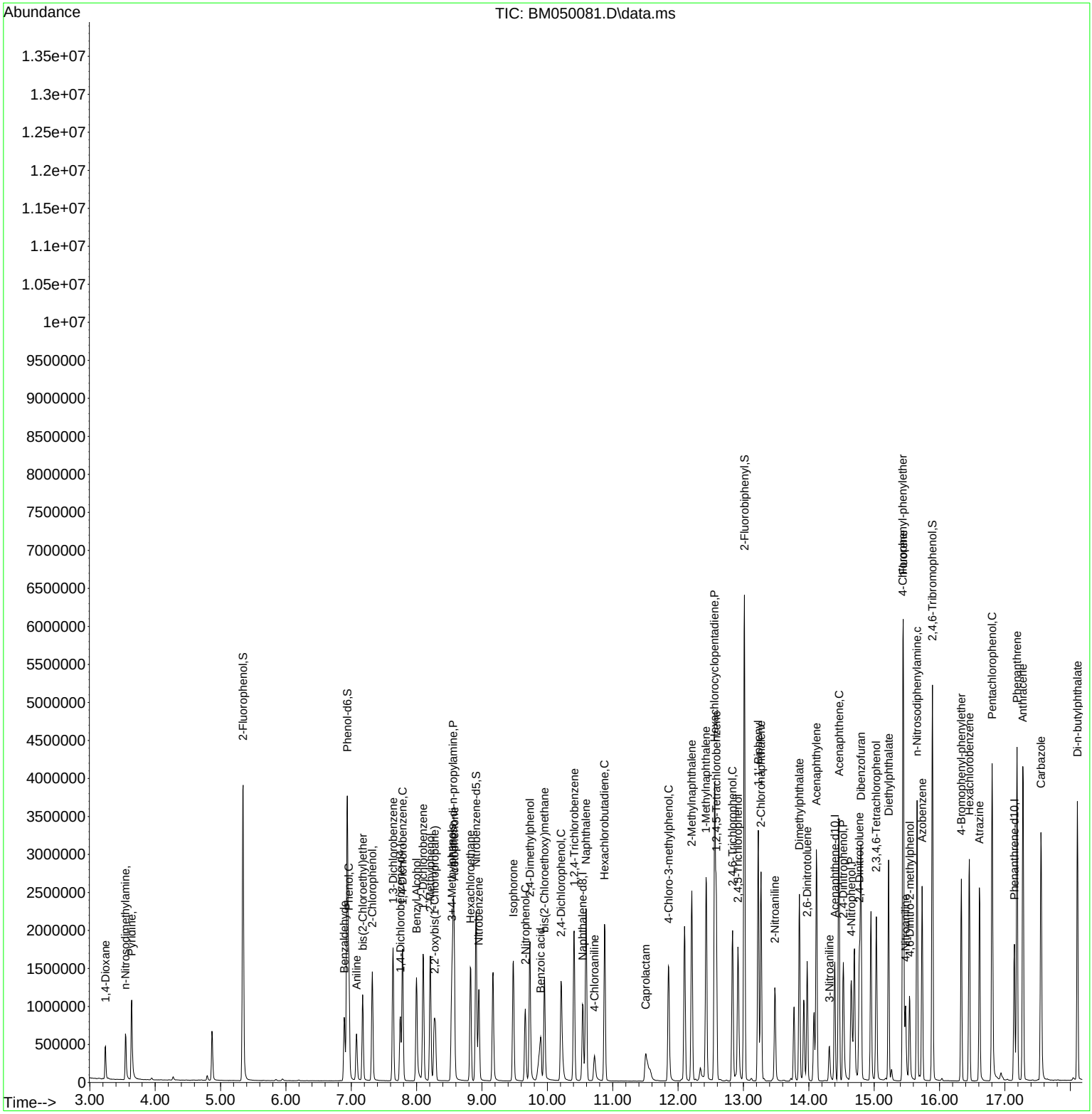

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