Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042925\
Data File : BM050040.D
Acq On : 29 Apr 2025 12:58
Operator : RC/JU
Sample : PB167729BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167729BS

Quant Time: Apr 29 13:33:48 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	7.763	152	269893	20.000	ng		0.00
21) Naphthalene-d8	10.557	136	961152	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	608153	20.000	ng		0.00
64) Phenanthrene-d10	17.156	188	1141685	20.000	ng		0.00
76) Chrysene-d12	21.397	240	1074284	20.000	ng		0.00
86) Perylene-d12	24.397	264	1054033	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	2054378	133.289	ng		0.00
7) Phenol-d6	6.951	99	2536788	130.950	ng		0.00
23) Nitrobenzene-d5	8.928	82	1466426	75.181	ng		0.00
42) 2,4,6-Tribromophenol	15.904	330	1195862	132.987	ng		0.00
45) 2-Fluorobiphenyl	13.027	172	3957723	76.986	ng		0.00
79) Terphenyl-d14	19.780	244	6028843	83.043	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.251	88	222621	33.686	ng		99
3) Pyridine	3.651	79	622472	36.660	ng		97
4) n-Nitrosodimethylamine	3.563	42	268473	40.314	ng		99
6) Aniline	7.098	93	587160	24.003	ng		99
8) 2-Chlorophenol	7.339	128	712440	42.751	ng		99
9) Benzaldehyde	6.910	77	325538	25.111	ng		100
10) Phenol	6.975	94	873613	44.547	ng		99
11) bis(2-Chloroethyl)ether	7.192	93	664141	40.556	ng		100
12) 1,3-Dichlorobenzene	7.657	146	799721	39.727	ng		99
13) 1,4-Dichlorobenzene	7.798	146	809360	40.021	ng		99
14) 1,2-Dichlorobenzene	8.116	146	781982	40.029	ng		99
15) Benzyl Alcohol	8.010	79	568432	42.311	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.286	45	805029	40.442	ng		99
17) 2-Methylphenol	8.222	107	557394	43.144	ng		99
18) Hexachloroethane	8.839	117	286959	39.916	ng		97
19) n-Nitroso-di-n-propyla...	8.575	70	498325	40.108	ng		100
20) 3+4-Methylphenols	8.551	107	746935	42.812	ng		96
22) Acetophenone	8.586	105	980431	41.029	ng	#	98
24) Nitrobenzene	8.969	77	707532	41.951	ng		98
25) Isophorone	9.492	82	1319623	39.689	ng		98
26) 2-Nitrophenol	9.680	139	367607	42.665	ng		99
27) 2,4-Dimethylphenol	9.745	122	621972	43.529	ng		98
28) bis(2-Chloroethoxy)met...	9.969	93	846555	41.194	ng		100
29) 2,4-Dichlorophenol	10.227	162	709498	44.323	ng		100
30) 1,2,4-Trichlorobenzene	10.422	180	792629	40.642	ng		100
31) Naphthalene	10.610	128	1999582	41.080	ng		99
32) Benzoic acid	9.916	122	386427	42.285	ng		99
33) 4-Chloroaniline	10.733	127	268271	13.446	ng		98
34) Hexachlorobutadiene	10.892	225	502242	40.569	ng		100
35) Caprolactam	11.521	113	182413	39.083	ng		92
36) 4-Chloro-3-methylphenol	11.869	107	624003	42.193	ng		100
37) 2-Methylnaphthalene	12.221	142	1320802	40.473	ng		99
38) 1-Methylnaphthalene	12.445	142	1387555	40.177	ng		99
40) 1,2,4,5-Tetrachloroben...	12.598	216	916829	43.549	ng		99
41) Hexachlorocyclopentadiene	12.574	237	1281695	99.621	ng		100
43) 2,4,6-Trichlorophenol	12.845	196	598998	44.859	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	639370	44.403	ng	100
46) 1,1'-Biphenyl	13.239	154	1938887	42.889	ng	99
47) 2-Chloronaphthalene	13.286	162	1526561	42.637	ng	99
48) 2-Nitroaniline	13.492	65	365838	43.535	ng	96
49) Acenaphthylene	14.133	152	2392982	42.390	ng	100
50) Dimethylphthalate	13.868	163	1850111	41.627	ng	100
51) 2,6-Dinitrotoluene	13.986	165	395898	43.023	ng	96
52) Acenaphthene	14.474	154	1386169	42.421	ng	100
53) 3-Nitroaniline	14.321	138	188101	21.411	ng	100
54) 2,4-Dinitrophenol	14.539	184	500295	84.598	ng	98
55) Dibenzofuran	14.810	168	2269999	41.754	ng	100
56) 4-Nitrophenol	14.657	139	606531	84.586	ng	98
57) 2,4-Dinitrotoluene	14.786	165	548846	43.164	ng	98
58) Fluorene	15.457	166	1912078	42.968	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	536088	43.011	ng	99
60) Diethylphthalate	15.233	149	1717203	41.004	ng	100
61) 4-Chlorophenyl-phenyle...	15.451	204	1058040	43.287	ng	99
62) 4-Nitroaniline	15.492	138	346266	40.852	ng	100
63) Azobenzene	15.745	77	1488108	42.399	ng	99
65) 4,6-Dinitro-2-methylph...	15.551	198	319286	44.677	ng	97
66) n-Nitrosodiphenylamine	15.668	169	1567999	44.726	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	604278	43.769	ng	98
68) Hexachlorobenzene	16.468	284	697068	43.801	ng	97
69) Atrazine	16.621	200	544460	43.054	ng	99
70) Pentachlorophenol	16.815	266	902632	100.762	ng	98
71) Phenanthrene	17.198	178	2807497	43.600	ng	99
72) Anthracene	17.286	178	2880577	44.205	ng	99
73) Carbazole	17.562	167	2435722	43.075	ng	100
74) Di-n-butylphthalate	18.121	149	2832214	42.058	ng	100
75) Fluoranthene	19.215	202	3226174	42.674	ng	100
77) Benzidine	19.409	184	1094565	28.684	ng	100
78) Pyrene	19.580	202	3318333	43.987	ng	100
80) Butylbenzylphthalate	20.474	149	1200717	42.496	ng	94
81) Benzo(a)anthracene	21.380	228	3270859	44.214	ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	582534	20.570	ng	99
83) Chrysene	21.444	228	2987144	43.628	ng	100
84) Bis(2-ethylhexyl)phtha...	21.297	149	1812796	42.954	ng	99
85) Di-n-octyl phthalate	22.427	149	2993996	43.017	ng	100
87) Indeno(1,2,3-cd)pyrene	27.791	276	3671724	46.751	ng	100
88) Benzo(b)fluoranthene	23.450	252	3051800	44.521	ng	99
89) Benzo(k)fluoranthene	23.515	252	3072007	44.305	ng	100
90) Benzo(a)pyrene	24.256	252	2860922	44.562	ng	99
91) Dibenzo(a,h)anthracene	27.832	278	3013923	47.076	ng	99
92) Benzo(g,h,i)perylene	28.844	276	2852758	46.543	ng	99

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

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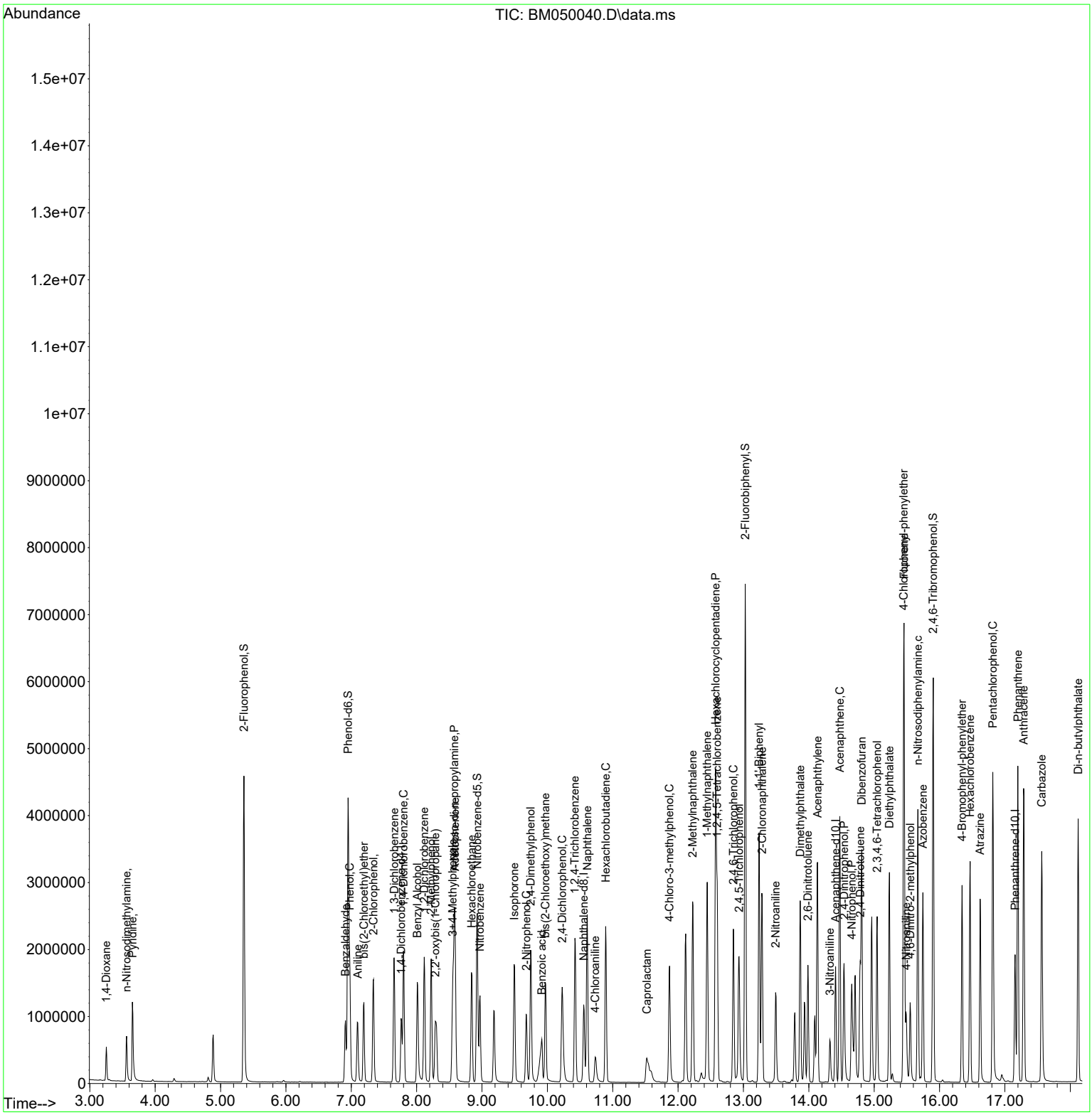

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