Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050064.D
Acq On : 01 May 2025 14:43
Operator : RC/JU
Sample : PB167779BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB167779BS

Quant Time: May 01 15:24:53 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	339452	20.000	ng		-0.02
21) Naphthalene-d8	10.545	136	1125326	20.000	ng		-0.02
39) Acenaphthene-d10	14.392	164	664515	20.000	ng		-0.02
64) Phenanthrene-d10	17.139	188	1227379	20.000	ng		-0.02
76) Chrysene-d12	21.380	240	1219126	20.000	ng		-0.02
86) Perylene-d12	24.374	264	1104893	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	2750867	141.904	ng		0.00
7) Phenol-d6	6.945	99	3291918	135.109	ng		0.00
23) Nitrobenzene-d5	8.910	82	1972634	86.379	ng		-0.02
42) 2,4,6-Tribromophenol	15.892	330	1401142	142.599	ng		-0.01
45) 2-Fluorobiphenyl	13.016	172	4900655	87.243	ng		-0.02
79) Terphenyl-d14	19.768	244	7315200	88.790	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	324106	38.993	ng		96
3) Pyridine	3.657	79	906904	42.466	ng		96
4) n-Nitrosodimethylamine	3.575	42	376694	44.973	ng		98
6) Aniline	7.087	93	675837	21.967	ng		99
8) 2-Chlorophenol	7.328	128	919150	43.853	ng		98
9) Benzaldehyde	6.898	77	434002	26.618	ng		96
10) Phenol	6.969	94	1124630	45.595	ng		99
11) bis(2-Chloroethyl)ether	7.181	93	902546	43.821	ng		98
12) 1,3-Dichlorobenzene	7.645	146	1101376	43.500	ng		100
13) 1,4-Dichlorobenzene	7.787	146	1110518	43.660	ng		99
14) 1,2-Dichlorobenzene	8.104	146	1056435	42.997	ng		99
15) Benzyl Alcohol	7.998	79	729976	43.202	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.275	45	1110403	44.352	ng		99
17) 2-Methylphenol	8.210	107	698651	42.996	ng		99
18) Hexachloroethane	8.828	117	399371	44.169	ng		98
19) n-Nitroso-di-n-propyla...	8.563	70	598312	38.288	ng		99
20) 3+4-Methylphenols	8.539	107	929313	42.350	ng		98
22) Acetophenone	8.575	105	1305356	46.657	ng	#	98
24) Nitrobenzene	8.951	77	942517	47.731	ng		97
25) Isophorone	9.481	82	1687587	43.352	ng		98
26) 2-Nitrophenol	9.663	139	465611	46.156	ng		97
27) 2,4-Dimethylphenol	9.733	122	749898	44.825	ng		98
28) bis(2-Chloroethoxy)met...	9.957	93	1082910	45.008	ng		100
29) 2,4-Dichlorophenol	10.210	162	843978	45.032	ng		100
30) 1,2,4-Trichlorobenzene	10.410	180	1032540	45.219	ng		100
31) Naphthalene	10.592	128	2566661	45.037	ng		100
32) Benzoic acid	9.910	122	450544	42.109	ng		99
33) 4-Chloroaniline	10.716	127	427099	18.284	ng		99
34) Hexachlorobutadiene	10.880	225	660379	45.561	ng		99
35) Caprolactam	11.510	113	210388	38.500	ng		87
36) 4-Chloro-3-methylphenol	11.851	107	726282	41.945	ng		98
37) 2-Methylnaphthalene	12.210	142	1639055	42.898	ng		99
38) 1-Methylnaphthalene	12.427	142	1716193	42.443	ng		99
40) 1,2,4,5-Tetrachloroben...	12.580	216	1141673	49.630	ng		99
41) Hexachlorocyclopentadiene	12.563	237	1541222	109.633	ng		99
43) 2,4,6-Trichlorophenol	12.833	196	691076	47.365	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	737586	46.880	ng	98
46) 1,1'-Biphenyl	13.227	154	2329469	47.158	ng	99
47) 2-Chloronaphthalene	13.269	162	1832486	46.840	ng	100
48) 2-Nitroaniline	13.480	65	446033	48.577	ng	95
49) Acenaphthylene	14.116	152	2817647	45.679	ng	99
50) Dimethylphthalate	13.857	163	2112431	43.498	ng	100
51) 2,6-Dinitrotoluene	13.974	165	450148	44.769	ng	94
52) Acenaphthene	14.457	154	1642526	46.003	ng	100
53) 3-Nitroaniline	14.310	138	231684	24.135	ng	96
54) 2,4-Dinitrophenol	14.521	184	552700	85.470	ng	96
55) Dibenzofuran	14.798	168	2676911	45.062	ng	100
56) 4-Nitrophenol	14.645	139	707032	89.936	ng	95
57) 2,4-Dinitrotoluene	14.768	165	637054	45.852	ng	96
58) Fluorene	15.445	166	2269556	46.675	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.033	232	608729	44.697	ng	99
60) Diethylphthalate	15.221	149	1964047	42.921	ng	100
61) 4-Chlorophenyl-phenyle...	15.439	204	1254179	46.960	ng	100
62) 4-Nitroaniline	15.480	138	399199	43.102	ng	97
63) Azobenzene	15.733	77	1802713	47.006	ng	99
65) 4,6-Dinitro-2-methylph...	15.539	198	354286	46.113	ng	96
66) n-Nitrosodiphenylamine	15.657	169	1798532	47.719	ng	99
67) 4-Bromophenyl-phenylether	16.333	248	695088	46.831	ng	97
68) Hexachlorobenzene	16.451	284	797047	46.587	ng	100
69) Atrazine	16.609	200	629300	46.289	ng	100
70) Pentachlorophenol	16.804	266	1076855	111.818	ng	99
71) Phenanthrene	17.186	178	3261083	47.108	ng	100
72) Anthracene	17.274	178	3324709	47.458	ng	100
73) Carbazole	17.551	167	2833553	46.612	ng	100
74) Di-n-butylphthalate	18.109	149	3296858	45.540	ng	100
75) Fluoranthene	19.203	202	3901183	48.000	ng	99
77) Benzidine	19.392	184	1303939	30.111	ng	100
78) Pyrene	19.568	202	4023852	47.002	ng	100
80) Butylbenzylphthalate	20.462	149	1409106	43.946	ng	91
81) Benzo(a)anthracene	21.368	228	3955177	47.112	ng	100
82) 3,3'-Dichlorobenzidine	21.292	252	796508	24.784	ng	100
83) Chrysene	21.427	228	3605282	46.400	ng	99
84) Bis(2-ethylhexyl)phtha...	21.286	149	2099844	43.844	ng	99
85) Di-n-octyl phthalate	22.409	149	3361210	42.556	ng	99
87) Indeno(1,2,3-cd)pyrene	27.756	276	3980042	48.344	ng	99
88) Benzo(b)fluoranthene	23.433	252	3519712	48.984	ng	100
89) Benzo(k)fluoranthene	23.491	252	3516759	48.385	ng	100
90) Benzo(a)pyrene	24.233	252	3256786	48.393	ng	99
91) Dibenzo(a,h)anthracene	27.797	278	3276826	48.827	ng	99
92) Benzo(g,h,i)perylene	28.797	276	3068716	47.762	ng	99

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

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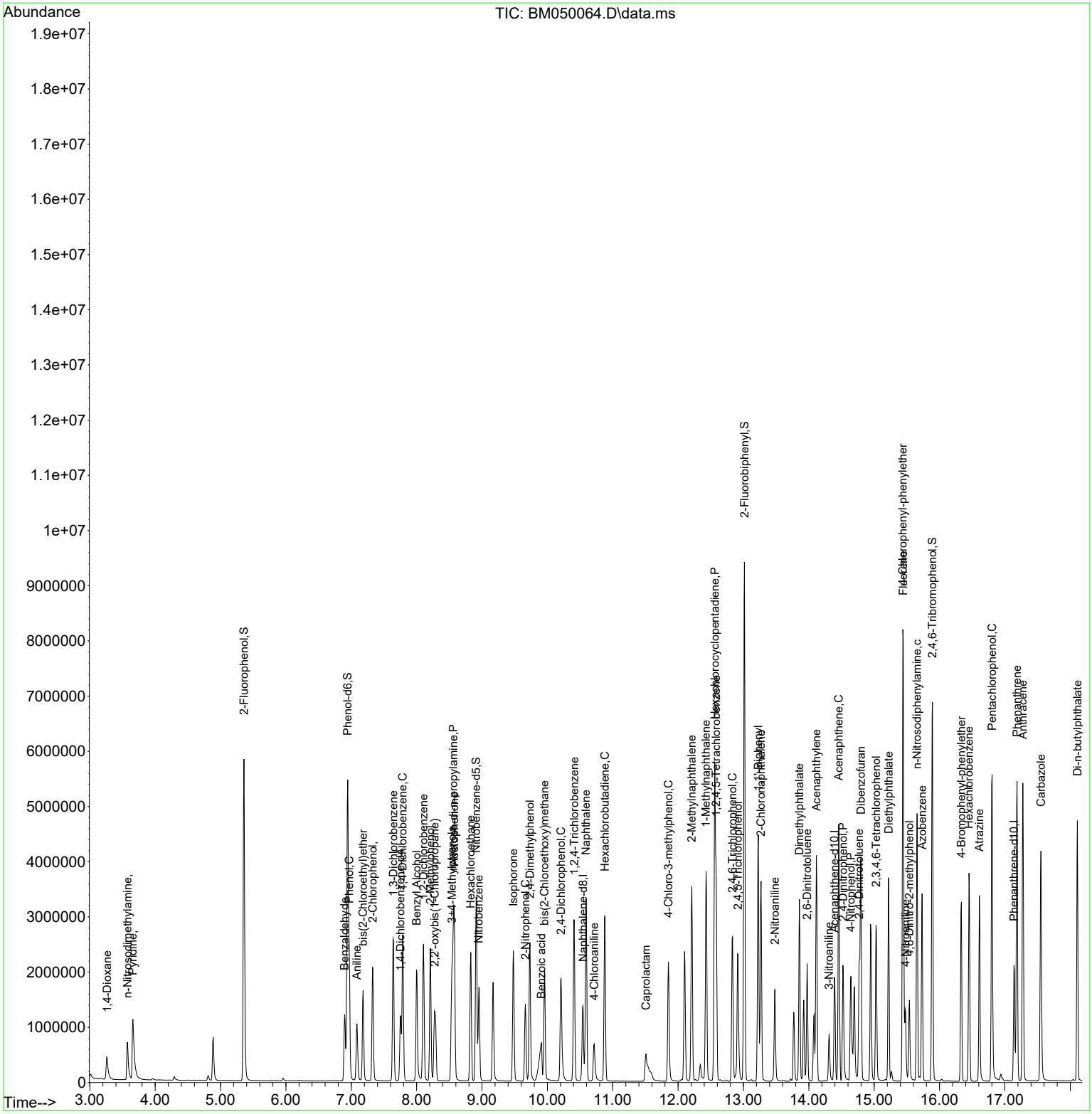

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