Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050101.D
Acq On : 05 May 2025 16:21
Operator : RC/JU
Sample : Q1937-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Quant Time: May 05 17:02:28 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	7.745	152	289071	20.000	ng		-0.02
21) Naphthalene-d8	10.539	136	1033172	20.000	ng		-0.02
39) Acenaphthene-d10	14.392	164	655158	20.000	ng		-0.02
64) Phenanthrene-d10	17.145	188	1260856	20.000	ng		-0.01
76) Chrysene-d12	21.386	240	1205722	20.000	ng		-0.01
86) Perylene-d12	24.374	264	1198695	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.345	112	1240627	75.152	ng		-0.01
7) Phenol-d6	6.934	99	1574828	75.900	ng		-0.02
23) Nitrobenzene-d5	8.904	82	911507	43.474	ng		-0.02
42) 2,4,6-Tribromophenol	15.892	330	726955	75.041	ng		-0.01
45) 2-Fluorobiphenyl	13.010	172	2382973	43.028	ng		-0.02
79) Terphenyl-d14	19.768	244	3842218	47.154	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	253156	35.766	ng		100
3) Pyridine	3.634	79	704148	38.719	ng		99
4) n-Nitrosodimethylamine	3.546	42	286467	40.162	ng		97
6) Aniline	7.075	93	660027	25.192	ng		99
8) 2-Chlorophenol	7.316	128	787758	44.135	ng		98
9) Benzaldehyde	6.892	77	334787	24.111	ng		99
10) Phenol	6.963	94	941217	44.810	ng		98
11) bis(2-Chloroethyl)ether	7.169	93	721407	41.131	ng		99
12) 1,3-Dichlorobenzene	7.634	146	895076	41.514	ng		99
13) 1,4-Dichlorobenzene	7.781	146	901755	41.631	ng		100
14) 1,2-Dichlorobenzene	8.098	146	864880	41.336	ng		99
15) Benzyl Alcohol	7.992	79	630905	43.846	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.275	45	862745	40.466	ng		99
17) 2-Methylphenol	8.204	107	612863	44.290	ng		100
18) Hexachloroethane	8.816	117	313308	40.690	ng		97
19) n-Nitroso-di-n-propyla...	8.557	70	532313	40.002	ng		99
20) 3+4-Methylphenols	8.534	107	824981	44.148	ng		96
22) Acetophenone	8.569	105	1074980	41.850	ng	#	99
24) Nitrobenzene	8.945	77	770560	42.504	ng		99
25) Isophorone	9.475	82	1456194	40.744	ng		100
26) 2-Nitrophenol	9.657	139	420971	45.453	ng		99
27) 2,4-Dimethylphenol	9.728	122	687865	44.785	ng		99
28) bis(2-Chloroethoxy)met...	9.951	93	920206	41.657	ng		99
29) 2,4-Dichlorophenol	10.210	162	779345	45.292	ng		99
30) 1,2,4-Trichlorobenzene	10.404	180	889692	42.438	ng		99
31) Naphthalene	10.586	128	2194562	41.943	ng		100
32) Benzoic acid	9.910	122	473903	48.243	ng		98
33) 4-Chloroaniline	10.710	127	372713	17.379	ng		98
34) Hexachlorobutadiene	10.875	225	567011	42.609	ng		99
35) Caprolactam	11.510	113	212152	42.286	ng		96
36) 4-Chloro-3-methylphenol	11.851	107	684151	43.036	ng		99
37) 2-Methylnaphthalene	12.204	142	1461550	41.664	ng		99
38) 1-Methylnaphthalene	12.427	142	1525009	41.079	ng		99
40) 1,2,4,5-Tetrachloroben...	12.580	216	1014802	44.745	ng		99
41) Hexachlorocyclopentadiene	12.557	237	1170193	84.429	ng		99
43) 2,4,6-Trichlorophenol	12.827	196	668780	46.492	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050101.D
Acq On : 05 May 2025 16:21
Operator : RC/JU
Sample : Q1937-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Quant Time: May 05 17:02:28 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)
44) 2,4,5-Trichlorophenol	12.916	196	714392	46.054	ng	99
46) 1,1'-Biphenyl	13.221	154	2119703	43.525	ng	100
47) 2-Chloronaphthalene	13.263	162	1682226	43.613	ng	100
48) 2-Nitroaniline	13.480	65	410137	45.305	ng	99
49) Acenaphthylene	14.115	152	2607333	42.873	ng	100
50) Dimethylphthalate	13.851	163	2008543	41.950	ng	99
51) 2,6-Dinitrotoluene	13.974	165	436791	44.061	ng	99
52) Acenaphthene	14.457	154	1503119	42.700	ng	99
53) 3-Nitroaniline	14.310	138	240688	25.431	ng	99
54) 2,4-Dinitrophenol	14.527	184	515925	81.228	ng	99
55) Dibenzofuran	14.792	168	2470123	42.175	ng	99
56) 4-Nitrophenol	14.651	139	692129	89.330	ng	99
57) 2,4-Dinitrotoluene	14.774	165	612717	44.730	ng	98
58) Fluorene	15.445	166	2038230	42.517	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.033	232	587763	43.774	ng	99
60) Diethylphthalate	15.215	149	1869621	41.441	ng	100
61) 4-Chlorophenyl-phenyle...	15.439	204	1124376	42.701	ng	100
62) 4-Nitroaniline	15.480	138	394156	43.165	ng	99
63) Azobenzene	15.733	77	1715145	45.362	ng	96
65) 4,6-Dinitro-2-methylph...	15.545	198	339117	42.967	ng	97
66) n-Nitrosodiphenylamine	15.657	169	1700792	43.928	ng	99
67) 4-Bromophenyl-phenylether	16.333	248	673722	44.187	ng	97
68) Hexachlorobenzene	16.457	284	772197	43.936	ng	96
69) Atrazine	16.609	200	620736	44.447	ng	99
70) Pentachlorophenol	16.804	266	1021224	103.226	ng	98
71) Phenanthrene	17.186	178	3082125	43.341	ng	100
72) Anthracene	17.274	178	3141350	43.650	ng	100
73) Carbazole	17.551	167	2792713	44.720	ng	100
74) Di-n-butylphthalate	18.109	149	3233710	43.482	ng	100
75) Fluoranthene	19.203	202	3722333	44.583	ng	100
77) Benzidine	19.392	184	1919998	44.830	ng	100
78) Pyrene	19.568	202	3815439	45.063	ng	100
80) Butylbenzylphthalate	20.462	149	1416730	44.675	ng	98
81) Benzo(a)anthracene	21.368	228	3671788	44.223	ng	100
82) 3,3'-Dichlorobenzidine	21.291	252	834376	26.251	ng	99
83) Chrysene	21.427	228	3347188	43.557	ng	99
84) Bis(2-ethylhexyl)phtha...	21.280	149	2047604	43.228	ng	100
85) Di-n-octyl phthalate	22.409	149	3335016	42.694	ng	100
87) Indeno(1,2,3-cd)pyrene	27.762	276	4020492	45.013	ng	99
88) Benzo(b)fluoranthene	23.433	252	3367561	43.199	ng	100
89) Benzo(k)fluoranthene	23.497	252	3397394	43.085	ng	99
90) Benzo(a)pyrene	24.238	252	3239603	44.370	ng	100
91) Dibenzo(a,h)anthracene	27.809	278	3283382	45.096	ng	99
92) Benzo(g,h,i)perylene	28.820	276	3078083	44.159	ng	100

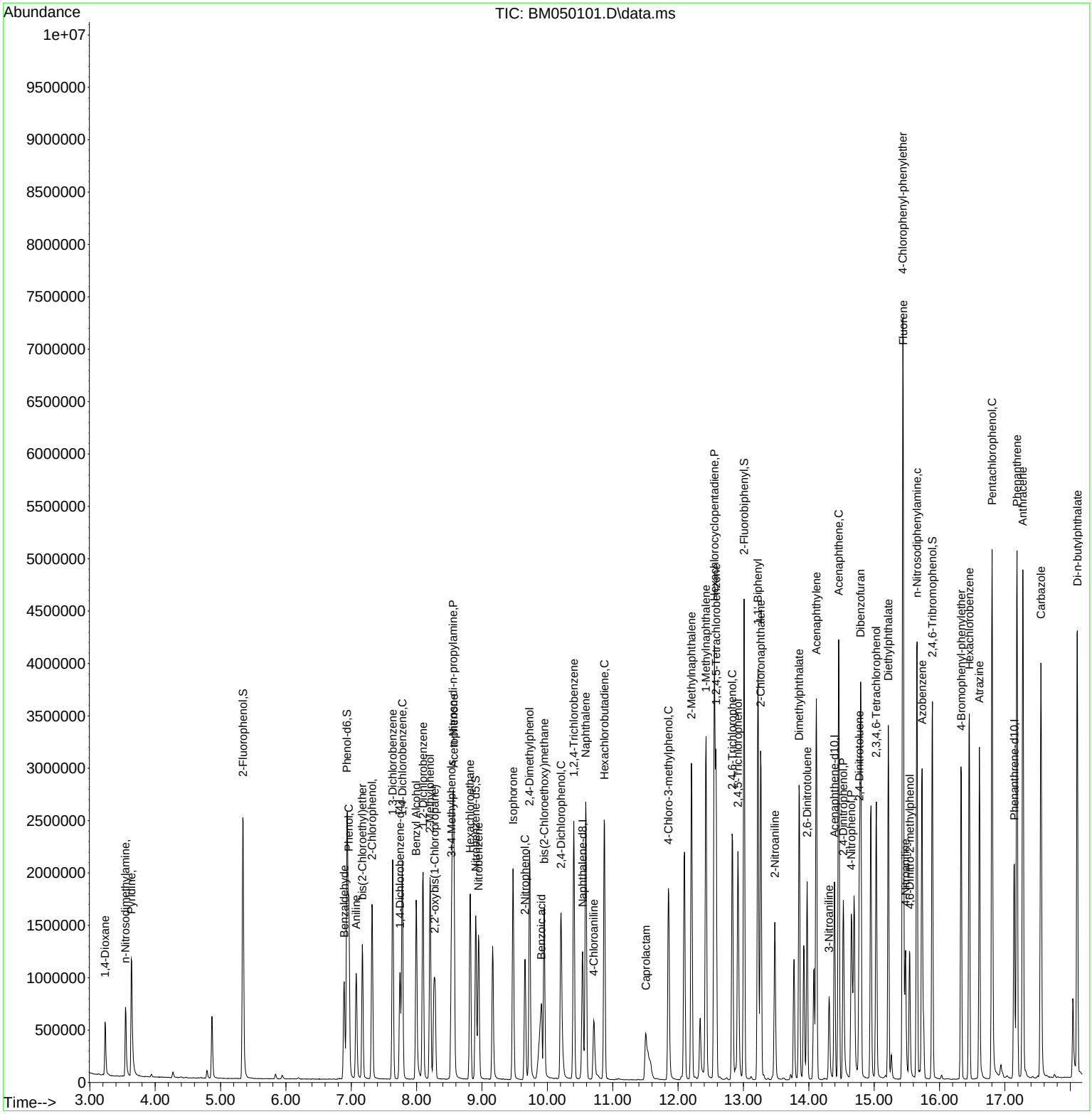
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050101.D
Acq On : 05 May 2025 16:21
Operator : RC/JU
Sample : Q1937-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Quant Time: May 05 17:02:28 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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050525\
Data File : BM050101.D
Acq On : 05 May 2025 16:21
Operator : RC/JU
Sample : Q1937-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LARGE-PILE-CMS

Quant Time: May 05 17:02:28 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