Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042325\
Data File : BM050013.D
Acq On : 23 Apr 2025 14:37
Operator : RC/JU
Sample : Q1852-07MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 23 15:18:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
72-12013MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	287884	20.000	ng		-0.02
21) Naphthalene-d8	10.557	136	952796	20.000	ng		-0.02
39) Acenaphthene-d10	14.410	164	566920	20.000	ng		-0.01
64) Phenanthrene-d10	17.157	188	1079716	20.000	ng		0.00
76) Chrysene-d12	21.398	240	1168533	20.000	ng		0.00
86) Perylene-d12	24.397	264	1272703	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1677901	98.971	ng		0.00
7) Phenol-d6	6.951	99	2044996	96.950	ng		0.00
23) Nitrobenzene-d5	8.922	82	1188077	69.436	ng		-0.01
42) 2,4,6-Tribromophenol	15.904	330	899687	109.105	ng		0.00
45) 2-Fluorobiphenyl	13.028	172	2806180	67.121	ng		-0.02
79) Terphenyl-d14	19.780	244	4057925	65.079	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	266959	38.235	ng		98
3) Pyridine	3.652	79	739036	40.287	ng		99
4) n-Nitrosodimethylamine	3.558	42	313495	44.906	ng		96
6) Aniline	7.093	93	426266	23.584	ng		99
8) 2-Chlorophenol	7.334	128	796556	45.847	ng		99
9) Benzaldehyde	6.904	77	398795	36.842	ng		99
10) Phenol	6.975	94	927975	45.082	ng		100
11) bis(2-Chloroethyl)ether	7.187	93	736137	45.604	ng		99
12) 1,3-Dichlorobenzene	7.651	146	939647	45.745	ng		99
13) 1,4-Dichlorobenzene	7.798	146	951043	46.014	ng		99
14) 1,2-Dichlorobenzene	8.116	146	903868	46.430	ng		99
15) Benzyl Alcohol	8.010	79	602897	45.390	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.287	45	869249	48.314	ng		99
17) 2-Methylphenol	8.222	107	600425	47.334	ng		99
18) Hexachloroethane	8.840	117	327314	45.519	ng		95
19) n-Nitroso-di-n-propyla...	8.575	70	527998	45.195	ng		99
20) 3+4-Methylphenols	8.551	107	781259	45.176	ng		99
22) Acetophenone	8.587	105	1058064	45.693	ng	#	99
24) Nitrobenzene	8.963	77	764779	46.419	ng		99
25) Isophorone	9.492	82	1394989	48.668	ng		99
26) 2-Nitrophenol	9.675	139	400838	45.902	ng		100
27) 2,4-Dimethylphenol	9.745	122	642461	64.919	ng		100
28) bis(2-Chloroethoxy)met...	9.969	93	879955	45.856	ng		98
29) 2,4-Dichlorophenol	10.222	162	734513	44.651	ng		99
30) 1,2,4-Trichlorobenzene	10.422	180	891745	46.859	ng		99
31) Naphthalene	10.610	128	2159823	44.115	ng		99
32) Benzoic acid	9.916	122	474592m	40.346	ng		
33) 4-Chloroaniline	10.728	127	202531	11.715	ng		99
34) Hexachlorobutadiene	10.892	225	578827	49.172	ng		99
35) Caprolactam	11.516	113	193687	41.052	ng		96
36) 4-Chloro-3-methylphenol	11.869	107	624329	43.327	ng		98
37) 2-Methylnaphthalene	12.222	142	1386917	40.207	ng		99
38) 1-Methylnaphthalene	12.445	142	1447966	43.087	ng		99
40) 1,2,4,5-Tetrachloroben...	12.598	216	965424	48.676	ng		99
41) Hexachlorocyclopentadiene	12.575	237	968699	139.386	ng		99
43) 2,4,6-Trichlorophenol	12.845	196	613446	48.606	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042325\
Data File : BM050013.D
Acq On : 23 Apr 2025 14:37
Operator : RC/JU
Sample : Q1852-07MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 23 15:18:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
72-12013MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	652115	47.547	ng	99
46) 1,1'-Biphenyl	13.239	154	1967507	46.686	ng	100
47) 2-Chloronaphthalene	13.280	162	1567374	47.319	ng	99
48) 2-Nitroaniline	13.492	65	374946	48.929	ng	98
49) Acenaphthylene	14.133	152	2434980	50.466	ng	100
50) Dimethylphthalate	13.869	163	1809730	45.248	ng	99
51) 2,6-Dinitrotoluene	13.986	165	398532	47.560	ng	99
52) Acenaphthene	14.474	154	1395096	45.456	ng	99
53) 3-Nitroaniline	14.322	138	168622	20.820	ng	99
54) 2,4-Dinitrophenol	14.539	184	245313	43.999	ng	98
55) Dibenzofuran	14.810	168	2274585	44.334	ng	98
56) 4-Nitrophenol	14.663	139	664558	92.080	ng	99
57) 2,4-Dinitrotoluene	14.780	165	550106	49.209	ng	99
58) Fluorene	15.457	166	1863268	45.688	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	544044	45.258	ng	98
60) Diethylphthalate	15.233	149	1813692	47.287	ng	98
61) 4-Chlorophenyl-phenyle...	15.451	204	1018573	46.585	ng	99
62) 4-Nitroaniline	15.486	138	351246	41.938	ng	96
63) Azobenzene	15.745	77	1673367	50.959	ng	97
65) 4,6-Dinitro-2-methylph...	15.551	198	202814	29.809	ng	96
66) n-Nitrosodiphenylamine	15.669	169	1548576	47.926	ng	100
67) 4-Bromophenyl-phenylether	16.345	248	607622	48.477	ng	97
68) Hexachlorobenzene	16.468	284	699094	48.625	ng	98
69) Atrazine	16.621	200	564075	67.329	ng	98
70) Pentachlorophenol	16.815	266	998434	94.328	ng	100
71) Phenanthrene	17.198	178	2831216	47.829	ng	100
72) Anthracene	17.286	178	2892606	49.586	ng	99
73) Carbazole	17.563	167	2604201	47.397	ng	99
74) Di-n-butylphthalate	18.121	149	3028037	47.848	ng	100
75) Fluoranthene	19.215	202	3499821	48.086	ng	99
77) Benzidine	19.404	184	1376095	88.767	ng	99
78) Pyrene	19.580	202	3643412	45.241	ng	99
80) Butylbenzylphthalate	20.474	149	1353248	44.720	ng	98
81) Benzo(a)anthracene	21.380	228	3865370	49.773	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	793152	27.044	ng	99
83) Chrysene	21.445	228	3535071	47.880	ng	99
84) Bis(2-ethylhexyl)phtha...	21.298	149	1973467	44.761	ng	99
85) Di-n-octyl phthalate	22.427	149	3368447	43.673	ng	100
87) Indeno(1,2,3-cd)pyrene	27.803	276	4738254	49.945	ng	99
88) Benzo(b)fluoranthene	23.456	252	3896024	47.932	ng	99
89) Benzo(k)fluoranthene	23.515	252	3851073	48.891	ng	100
90) Benzo(a)pyrene	24.262	252	3721293	52.100	ng	99
91) Dibenzo(a,h)anthracene	27.850	278	3877655	49.623	ng	99
92) Benzo(g,h,i)perylene	28.862	276	3674602	46.018	ng	99

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

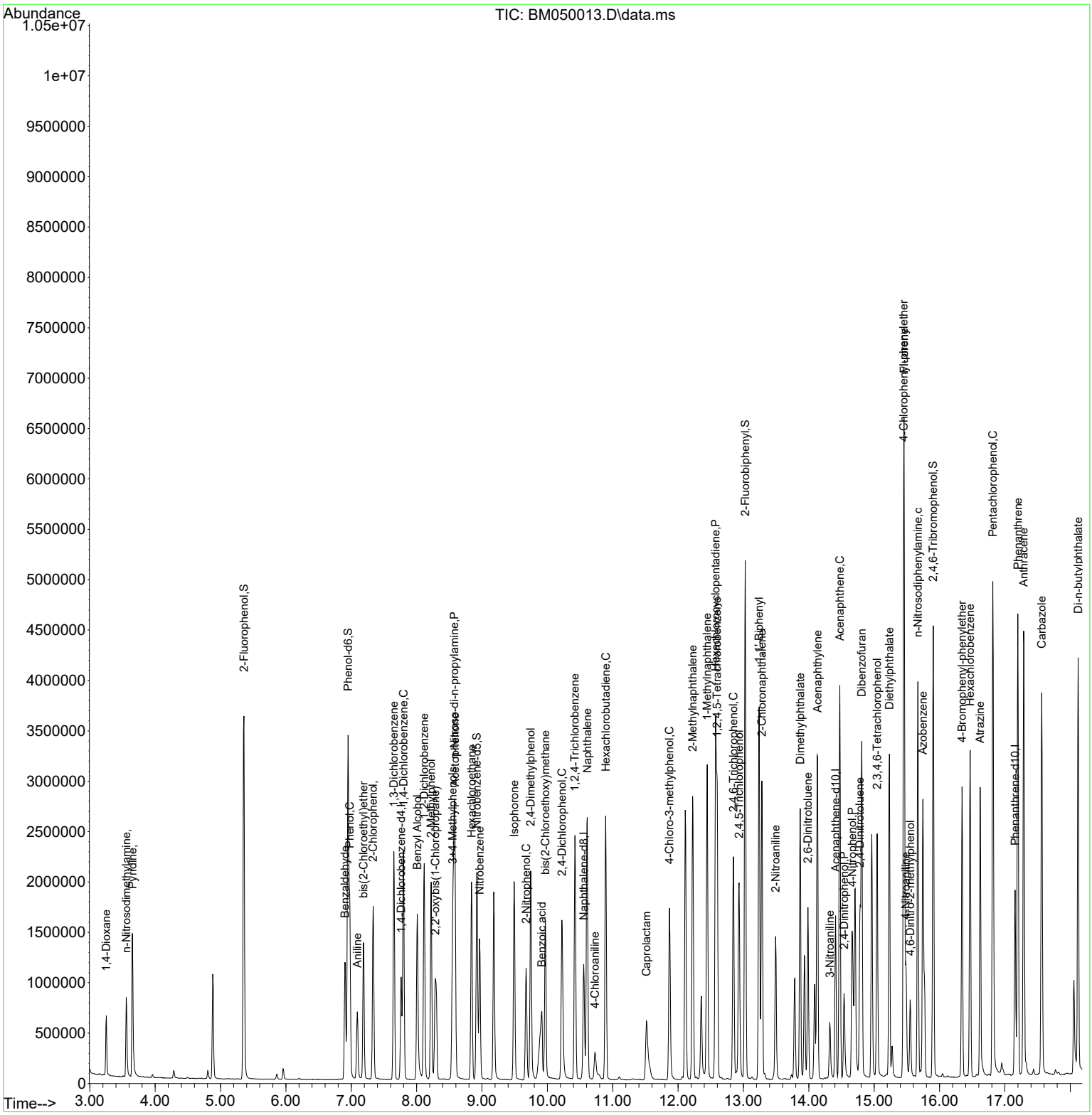
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042325\
Data File : BM050013.D
Acq On : 23 Apr 2025 14:37
Operator : RC/JU
Sample : Q1852-07MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 23 15:18:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
72-12013MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042325\
Data File : BM050013.D
Acq On : 23 Apr 2025 14:37
Operator : RC/JU
Sample : Q1852-07MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 23 15:18:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
72-12013MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025