Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050084.D
Acq On : 02 May 2025 14:00
Operator : RC/JU
Sample : Q1914-11MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 02 14:57:54 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

Instrument :
BNA_M
ClientSampleId :
SS-8MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.751	152	318543	20.000	ng	-0.02
21) Naphthalene-d8	10.557	136	669041	20.000	ng	# 0.00
39) Acenaphthene-d10	14.410	164	587094	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1125283	20.000	ng	# 0.00
76) Chrysene-d12	21.386	240	1238341	20.000	ng	-0.01
86) Perylene-d12	24.374	264	1405067	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1646268	90.498	ng	-0.01
7) Phenol-d6	6.940	99	1813827	79.331	ng	-0.01
23) Nitrobenzene-d5	8.910	82	1287153	94.802	ng	-0.02
42) 2,4,6-Tribromophenol	15.904	330	768854	88.568	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	2406843	48.497	ng	-0.01
79) Terphenyl-d14	19.774	244	3619052	43.245	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	329299	42.219	ng	98
3) Pyridine	3.634	79	901669	44.992	ng	98
4) n-Nitrosodimethylamine	3.546	42	375268	47.744	ng	99
6) Aniline	7.081	93	279843	9.693	ng	# 95
8) 2-Chlorophenol	7.322	128	825339	41.962	ng	99
9) Benzaldehyde	6.898	77	609713	39.849	ng	# 1
10) Phenol	6.963	94	946993	40.913	ng	97
11) bis(2-Chloroethyl)ether	7.175	93	786851	40.711	ng	99
12) 1,3-Dichlorobenzene	7.640	146	962363	40.505	ng	98
13) 1,4-Dichlorobenzene	7.787	146	963935	40.384	ng	98
14) 1,2-Dichlorobenzene	8.104	146	911169	39.519	ng	97
15) Benzyl Alcohol	7.998	79	639241	40.315	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.275	45	742064	31.585	ng	69
17) 2-Methylphenol	8.210	107	596238	39.102	ng	99
18) Hexachloroethane	8.863	117	1227734	144.695	ng	# 1
19) n-Nitroso-di-n-propyla...	8.563	70	461477	31.470	ng	96
20) 3+4-Methylphenols	8.540	107	758552	36.837	ng	93
22) Acetophenone	8.557	105	2902132	174.475	ng	# 61
24) Nitrobenzene	8.957	77	818217	69.696	ng	# 95
25) Isophorone	9.481	82	1859060	80.326	ng	# 57
26) 2-Nitrophenol	9.663	139	424409	70.764	ng	# 74
27) 2,4-Dimethylphenol	9.739	122	621753	62.512	ng	99
28) bis(2-Chloroethoxy)met...	9.963	93	743439	51.972	ng	# 75
29) 2,4-Dichlorophenol	10.216	162	766341	68.776	ng	98
30) 1,2,4-Trichlorobenzene	10.416	180	873722	64.360	ng	99
31) Naphthalene	10.604	128	3121337	92.123	ng	# 94
32) Benzoic acid	9.916	122	388178	61.023	ng	# 1
33) 4-Chloroaniline	10.722	127	201228	14.490	ng	# 78
34) Hexachlorobutadiene	10.886	225	587920	68.225	ng	99
35) Caprolactam	11.486	113	254600m	78.366	ng	
36) 4-Chloro-3-methylphenol	11.863	107	541640	52.615	ng	99
37) 2-Methylnaphthalene	12.228	142	3716761	163.618	ng	98
38) 1-Methylnaphthalene	12.445	142	2795228	116.274	ng	100
40) 1,2,4,5-Tetrachloroben...	12.604	216	999784	49.193	ng	98
41) Hexachlorocyclopentadiene	12.575	237	1084083	87.284	ng	100
43) 2,4,6-Trichlorophenol	12.845	196	598415	46.423	ng	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050084.D
Acq On : 02 May 2025 14:00
Operator : RC/JU
Sample : Q1914-11MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS-8MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

Quant Time: May 02 14:57:54 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	12.927	196	639623	46.014	ng	#	81
46) 1,1'-Biphenyl	13.233	154	1850245	42.396	ng		98
47) 2-Chloronaphthalene	13.280	162	1346233	38.949	ng		99
48) 2-Nitroaniline	13.486	65	302213	37.254	ng		95
49) Acenaphthylene	14.133	152	2185096	40.096	ng		94
50) Dimethylphthalate	13.863	163	1590725	37.075	ng	#	94
51) 2,6-Dinitrotoluene	13.986	165	386386	43.496	ng		88
52) Acenaphthene	14.474	154	1320681	41.867	ng		98
53) 3-Nitroaniline	14.316	138	152605	17.993	ng	#	83
54) 2,4-Dinitrophenol	14.545	184	385380	68.665	ng	#	91
55) Dibenzofuran	14.810	168	2125064	40.490	ng	#	90
56) 4-Nitrophenol	14.651	139	642317	92.350	ng	#	74
57) 2,4-Dinitrotoluene	14.786	165	504294	41.083	ng	#	81
58) Fluorene	15.463	166	1978779	46.062	ng	#	96
59) 2,3,4,6-Tetrachlorophenol	15.045	232	556346	46.238	ng	#	36
60) Diethylphthalate	15.227	149	1578439	39.043	ng		92
61) 4-Chlorophenyl-phenyle...	15.451	204	964137	40.860	ng		95
62) 4-Nitroaniline	15.480	138	228227	27.892	ng		93
63) Azobenzene	15.745	77	1155833	34.113	ng	#	70
65) 4,6-Dinitro-2-methylph...	15.557	198	254881	36.185	ng	#	47
66) n-Nitrosodiphenylamine	15.668	169	1764120	51.053	ng		87
67) 4-Bromophenyl-phenylether	16.345	248	630089	46.304	ng		97
68) Hexachlorobenzene	16.474	284	715533	45.617	ng		95
69) Atrazine	16.621	200	708947	56.879	ng		98
70) Pentachlorophenol	16.815	266	947009	107.257	ng		99
71) Phenanthrene	17.198	178	4410458	69.492	ng		98
72) Anthracene	17.292	178	2950004	45.930	ng		98
73) Carbazole	17.557	167	2296748	41.209	ng		96
74) Di-n-butylphthalate	18.115	149	2556510	38.518	ng		98
75) Fluoranthene	19.215	202	6478876	86.948	ng		98
77) Benzidine	19.409	184	1253466	28.496	ng		97
78) Pyrene	19.580	202	6575812	75.619	ng		98
80) Butylbenzylphthalate	20.468	149	1210644	37.171	ng		97
81) Benzo(a)anthracene	21.374	228	5342640	62.652	ng		98
82) 3,3'-Dichlorobenzidine	21.292	252	202465	6.202	ng	#	99
83) Chrysene	21.433	228	4779549	60.559	ng		98
84) Bis(2-ethylhexyl)phtha...	21.286	149	2303036	47.340	ng		98
85) Di-n-octyl phthalate	22.409	149	3329520	41.500	ng		99
87) Indeno(1,2,3-cd)pyrene	27.768	276	5638624	53.858	ng		97
88) Benzo(b)fluoranthene	23.439	252	5616233	61.463	ng		99
89) Benzo(k)fluoranthene	23.497	252	4464658	48.303	ng		98
90) Benzo(a)pyrene	24.239	252	5090825	59.484	ng		98
91) Dibenzo(a,h)anthracene	27.809	278	3946360	46.241	ng		99
92) Benzo(g,h,i)perylene	28.826	276	4550609	55.695	ng		98

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

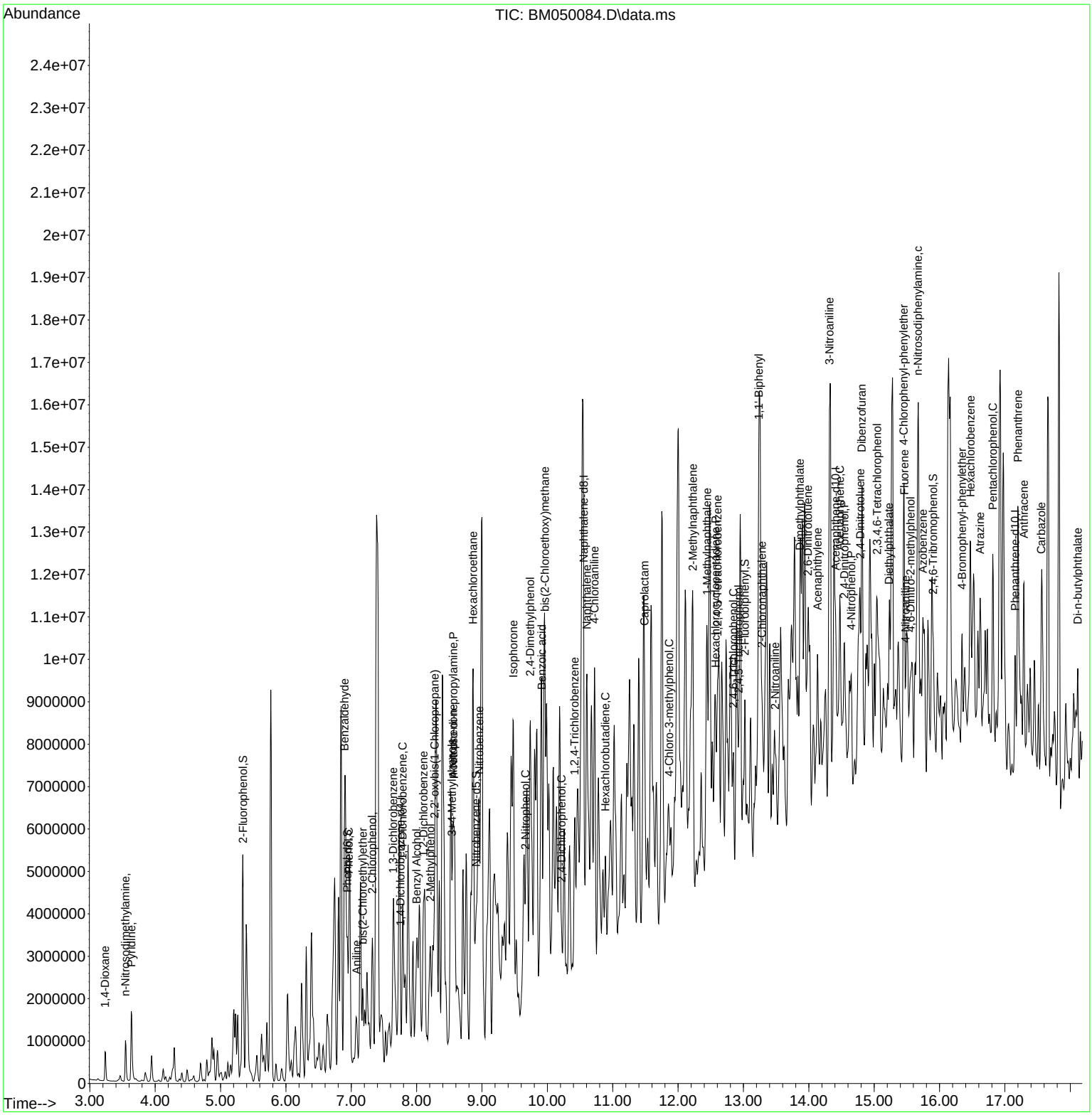
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050084.D
Acq On : 02 May 2025 14:00
Operator : RC/JU
Sample : Q1914-11MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 02 14:57:54 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

Instrument :
BNA_M
ClientSampleId :
SS-8MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050225\
Data File : BM050084.D
Acq On : 02 May 2025 14:00
Operator : RC/JU
Sample : Q1914-11MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 02 14:57:54 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

Instrument :
BNA_M
ClientSampleId :
SS-8MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025