Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
Data File : BF144128.D
Acq On : 29 Oct 2025 15:02
Operator : RC/JU
Sample : Q3427-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 29 15:23:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Rahul Chavli
10/30/2025
Supervised By :Jagrut Upadhyay
10/30/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	58632	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	225036	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	126691	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	221499	20.000	ng	0.00
76) Chrysene-d12	14.057	240	150723	20.000	ng	0.00
86) Perylene-d12	15.539	264	191043	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	497011	134.112	ng	0.02
7) Phenol-d6	6.510	99	536993	131.204	ng	0.00
23) Nitrobenzene-d5	7.445	82	403131	98.146	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	255761	158.484	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	857048	95.196	ng	0.00
79) Terphenyl-d14	12.998	244	900993	104.505	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.799	88	68280	42.637	ng #	74
3) Pyridine	3.522	79	124523	29.045	ng	98
4) n-Nitrosodimethylamine	3.463	42	120490	45.737	ng	93
6) Aniline	6.545	93	54181	9.253	ng #	92
8) 2-Chlorophenol	6.669	128	176726	48.423	ng	97
10) Phenol	6.528	94	206581	40.912	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	180971	49.600	ng	98
12) 1,3-Dichlorobenzene	6.822	146	207421	46.073	ng	98
13) 1,4-Dichlorobenzene	6.898	146	210520	47.449	ng	98
14) 1,2-Dichlorobenzene	7.051	146	204799	47.706	ng	98
15) Benzyl Alcohol	7.022	79	163972	49.271	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	339108	49.452	ng	93
17) 2-Methylphenol	7.134	107	138304	49.272	ng	99
18) Hexachloroethane	7.393	117	70570	44.489	ng	99
19) n-Nitroso-di-n-propyla...	7.293	70	142211	53.732	ng	95
20) 3+4-Methylphenols	7.287	107	165258	49.802	ng #	72
22) Acetophenone	7.287	105	269972	55.512	ng	96
24) Nitrobenzene	7.463	77	209452	48.204	ng	100
25) Isophorone	7.698	82	383797	53.445	ng	99
26) 2-Nitrophenol	7.775	139	101839	49.268	ng	99
27) 2,4-Dimethylphenol	7.810	122	173988	56.642	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	231654	51.728	ng	98
29) 2,4-Dichlorophenol	8.022	162	183704	51.426	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	186163	50.657	ng	99
31) Naphthalene	8.181	128	507996	47.829	ng	99
32) Benzoic acid	7.945	122	124449	63.871	ng #	85
33) 4-Chloroaniline	8.234	127	13267	3.588	ng	95
34) Hexachlorobutadiene	8.298	225	135053	44.943	ng	98
35) Caprolactam	8.598	113	46789m	52.232	ng	
36) 4-Chloro-3-methylphenol	8.716	107	166611	52.853	ng	97
37) 2-Methylnaphthalene	8.875	142	326905	46.683	ng	95
38) 1-Methylnaphthalene	8.975	142	333527	50.273	ng	98
40) 1,2,4,5-Tetrachloroben...	9.039	216	227580	52.268	ng	99
41) Hexachlorocyclopentadiene	9.028	237	174921	130.069	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	147786	52.218	ng	98
44) 2,4,5-Trichlorophenol	9.204	196	156703	52.758	ng	96

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	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
46)	1,1'-Biphenyl	9.339	154	490660	54.102 ng	100
47)	2-Chloronaphthalene	9.363	162	372919	49.082 ng	98
48)	2-Nitroaniline	9.463	65	117578	52.114 ng	97
49)	Acenaphthylene	9.781	152	585529	57.154 ng	99
50)	Dimethylphthalate	9.639	163	465880	56.101 ng	100
51)	2,6-Dinitrotoluene	9.704	165	96167	58.578 ng	95
52)	Acenaphthene	9.951	154	325442	47.566 ng	99
53)	3-Nitroaniline	9.875	138	11177	6.124 ng	92
54)	2,4-Dinitrophenol	9.986	184	102318	115.232 ng	98
55)	Dibenzofuran	10.128	168	489325	51.517 ng	98
56)	4-Nitrophenol	10.039	139	115774	93.669 ng	91
57)	2,4-Dinitrotoluene	10.110	165	128780	58.122 ng	97
58)	Fluorene	10.469	166	378814	52.342 ng	97
59)	2,3,4,6-Tetrachlorophenol	10.245	232	122911	58.723 ng	99
60)	Diethylphthalate	10.339	149	426164	54.569 ng	98
61)	4-Chlorophenyl-phenyle...	10.457	204	211510	51.968 ng	98
62)	4-Nitroaniline	10.486	138	70579	40.810 ng	94
63)	Azobenzene	10.622	77	395412	53.495 ng	98
65)	4,6-Dinitro-2-methylph...	10.522	198	76836	54.068 ng	95
66)	n-Nitrosodiphenylamine	10.581	169	350057	49.464 ng	98
67)	4-Bromophenyl-phenylether	10.951	248	147882	53.323 ng	98
68)	Hexachlorobenzene	11.022	284	177748	52.260 ng	97
69)	Atrazine	11.104	200	58611	25.239 ng	99
70)	Pentachlorophenol	11.216	266	181809	112.298 ng	97
71)	Phenanthrene	11.433	178	567418	51.569 ng	99
72)	Anthracene	11.486	178	577547	50.812 ng	99
73)	Carbazole	11.639	167	443592	45.851 ng	97
74)	Di-n-butylphthalate	11.969	149	640621	54.009 ng	99
75)	Fluoranthene	12.627	202	560069	46.072 ng	99
77)	Benzidine	12.763	184	13841m	2.951 ng	
78)	Pyrene	12.857	202	560881	51.761 ng	99
80)	Butylbenzylphthalate	13.469	149	225098	54.910 ng	99
81)	Benzo(a)anthracene	14.045	228	527127	51.750 ng	98
82)	3,3'-Dichlorobenzidine	14.010	252	21724	6.127 ng	99
83)	Chrysene	14.086	228	511132	53.474 ng	100
84)	Bis(2-ethylhexyl)phtha...	14.027	149	303321	54.199 ng	99
85)	Di-n-octyl phthalate	14.645	149	528604	54.924 ng	100
87)	Indeno(1,2,3-cd)pyrene	17.051	276	564309	43.024 ng	98
88)	Benzo(b)fluoranthene	15.104	252	587435	54.391 ng	100
89)	Benzo(k)fluoranthene	15.139	252	522551	52.440 ng	99
90)	Benzo(a)pyrene	15.480	252	546298	56.382 ng	100
91)	Dibenzo(a,h)anthracene	17.062	278	464083	44.699 ng	99
92)	Benzo(g,h,i)perylene	17.504	276	411523	39.424 ng	98

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

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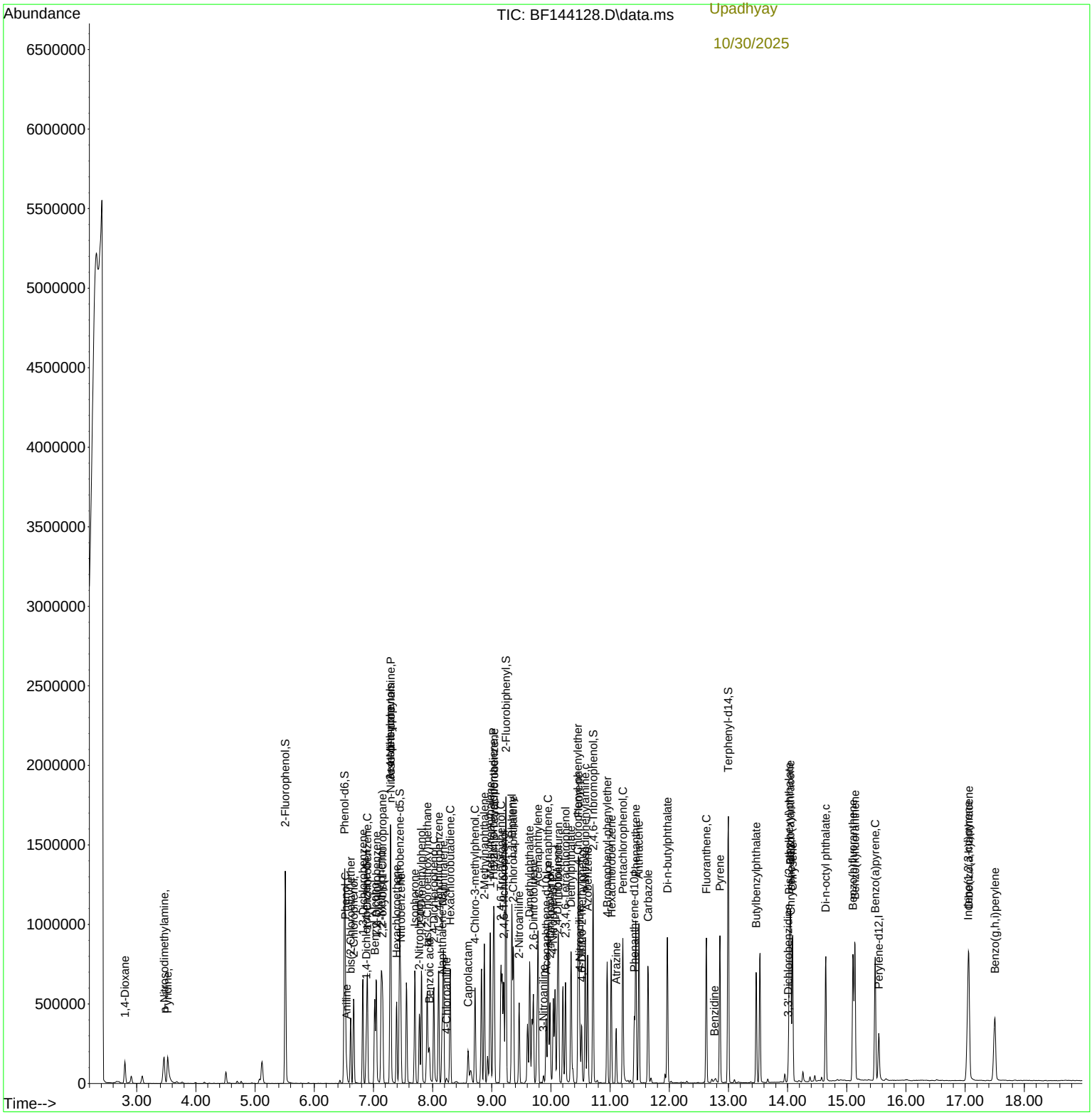
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