Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026212.D
Acq On : 02 Dec 2025 17:56
Operator : RC/JU
Sample : SP6937
Misc : 8270/625.1 SPIKE
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 03 00:19:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SP6937

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/03/2025
Supervised By :Sohil Jodhani 12/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.655	152	286192	20.000	ng	-0.02
21) Naphthalene-d8	10.419	136	1118868	20.000	ng	-0.03
39) Acenaphthene-d10	14.290	164	665946	20.000	ng	-0.04
64) Phenanthrene-d10	17.095	188	1195690	20.000	ng	-0.04
76) Chrysene-d12	21.548	240	1122155	20.000	ng	-0.02
86) Perylene-d12	24.865	264	1350253	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	14315	0.803	ng	0.00
7) Phenol-d6	6.843	99	21687	0.955	ng	-0.01
23) Nitrobenzene-d5	8.790	82	11222	0.570	ng	-0.02
42) 2,4,6-Tribromophenol	15.807	330	8470	0.980	ng	-0.03
45) 2-Fluorobiphenyl	12.901	172	36521	0.804	ng	-0.03
79) Terphenyl-d14	19.836	244	48022	0.873	ng	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.220	88	309434	42.786	ng	98
3) Pyridine	3.608	79	835724	39.986	ng	100
4) n-Nitrosodimethylamine	3.520	42	371412	47.549	ng	95
6) Aniline	6.990	93	612591	20.440	ng	99
8) 2-Chlorophenol	7.231	128	984995	48.532	ng	98
9) Benzaldehyde	6.808	77	689267	57.944	ng	99
10) Phenol	6.866	94	1120856	45.836	ng	98
11) bis(2-Chloroethyl)ether	7.090	93	861971	45.020	ng	98
12) 1,3-Dichlorobenzene	7.549	146	1068465	48.865	ng	99
13) 1,4-Dichlorobenzene	7.690	146	1086690	49.321	ng	99
14) 1,2-Dichlorobenzene	8.008	146	1053488	49.793	ng	99
15) Benzyl Alcohol	7.896	79	747075	44.924	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.172	45	1209108	44.965	ng	99
17) 2-Methylphenol	8.096	107	767843	46.127	ng	99
18) Hexachloroethane	8.725	117	390534	48.715	ng	98
19) n-Nitroso-di-n-propyla...	8.455	70	618359	43.850	ng	98
20) 3+4-Methylphenols	8.419	107	1023564	44.374	ng	99
22) Acetophenone	8.466	105	1309382	46.042	ng	99
24) Nitrobenzene	8.837	77	916698	46.007	ng	99
25) Isophorone	9.360	82	1716852	43.966	ng	99
26) 2-Nitrophenol	9.543	139	485430	48.147	ng	97
27) 2,4-Dimethylphenol	9.607	122	846415	46.557	ng	99
28) bis(2-Chloroethoxy)met...	9.837	93	1126115	46.046	ng	99
29) 2,4-Dichlorophenol	10.072	162	868053	47.772	ng	99
30) 1,2,4-Trichlorobenzene	10.290	180	963098	52.051	ng	97
31) Naphthalene	10.472	128	2828675	46.779	ng	99
32) Benzoic acid	9.749	122	572238	37.377	ng	99
33) 4-Chloroaniline	10.578	127	264155	10.272	ng	99
34) Hexachlorobutadiene	10.760	225	611261	50.794	ng	99
35) Caprolactam	11.354	113	235734	36.231	ng	98
36) 4-Chloro-3-methylphenol	11.707	107	850557	44.041	ng	100
37) 2-Methylnaphthalene	12.084	142	1795989	41.895	ng	99
38) 1-Methylnaphthalene	12.307	142	1833441	43.757	ng	100
40) 1,2,4,5-Tetrachloroben...	12.466	216	1023044	50.806	ng	99
41) Hexachlorocyclopentadiene	12.448	237	1421631	107.875	ng	99
43) 2,4,6-Trichlorophenol	12.701	196	671873	48.669	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	12.778	196	734511	47.666	ng	99
46)	1,1'-Biphenyl	13.113	154	2449696	48.852	ng	100
47)	2-Chloronaphthalene	13.154	162	1893837	48.028	ng	100
48)	2-Nitroaniline	13.348	65	487305	44.440	ng	96
49)	Acenaphthylene	14.001	152	3120818	47.981	ng	100
50)	Dimethylphthalate	13.748	163	2247416	45.184	ng	100
51)	2,6-Dinitrotoluene	13.860	165	473878	48.082	ng	98
52)	Acenaphthene	14.354	154	1778565	46.661	ng	100
53)	3-Nitroaniline	14.195	138	198177	17.078	ng	100
54)	2,4-Dinitrophenol	14.395	184	530845	89.228	ng	94
55)	Dibenzofuran	14.695	168	2730465	46.250	ng	98
56)	4-Nitrophenol	14.519	139	782303	74.521	ng	97
57)	2,4-Dinitrotoluene	14.654	165	653176	44.386	ng	97
58)	Fluorene	15.360	166	2087591	44.737	ng	100
59)	2,3,4,6-Tetrachlorophenol	14.931	232	606046	46.359	ng	100
60)	Diethylphthalate	15.142	149	2198513	43.878	ng	99
61)	4-Chlorophenyl-phenyle...	15.360	204	1071262	46.139	ng	97
62)	4-Nitroaniline	15.372	138	399715	33.171	ng	96
63)	Azobenzene	15.660	77	1907524	45.150	ng	100
65)	4,6-Dinitro-2-methylph...	15.437	198	354400	46.656	ng	99
66)	n-Nitrosodiphenylamine	15.584	169	1838681	49.711	ng	99
67)	4-Bromophenyl-phenylether	16.278	248	677638	51.174	ng	97
68)	Hexachlorobenzene	16.389	284	769445	50.076	ng	97
69)	Atrazine	16.560	200	639604	45.858	ng	99
70)	Pentachlorophenol	16.736	266	967497	90.012	ng	99
71)	Phenanthrene	17.136	178	3134375	46.535	ng	100
72)	Anthracene	17.242	178	3201213	46.597	ng	100
73)	Carbazole	17.513	167	2840566	43.533	ng	99
74)	Di-n-butylphthalate	18.125	149	3497911	45.219	ng	99
75)	Fluoranthene	19.242	202	3439810	42.032	ng	98
77)	Benzidine	19.436	184	804707	22.596	ng	99
78)	Pyrene	19.619	202	3591273	48.810	ng	99
80)	Butylbenzylphthalate	20.583	149	1481855	45.733	ng	96
81)	Benzo(a)anthracene	21.530	228	3528400	45.783	ng	100
82)	3,3'-Dichlorobenzidine	21.454	252	644953	23.013	ng	99
83)	Chrysene	21.607	228	3407418	46.914	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.489	149	2188659	44.621	ng	99
85)	Di-n-octyl phthalate	22.760	149	3692560	43.053	ng	100
87)	Indeno(1,2,3-cd)pyrene	28.612	276	4930872m	48.693	ng	
88)	Benzo(b)fluoranthene	23.818	252	3761486	45.744	ng	99
89)	Benzo(k)fluoranthene	23.883	252	3934551	47.906	ng	100
90)	Benzo(a)pyrene	24.701	252	3811124	48.930	ng	99
91)	Dibenzo(a,h)anthracene	28.706	278	4154741	50.120	ng	98
92)	Benzo(g,h,i)perylene	29.759	276	4112642	49.915	ng	97

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

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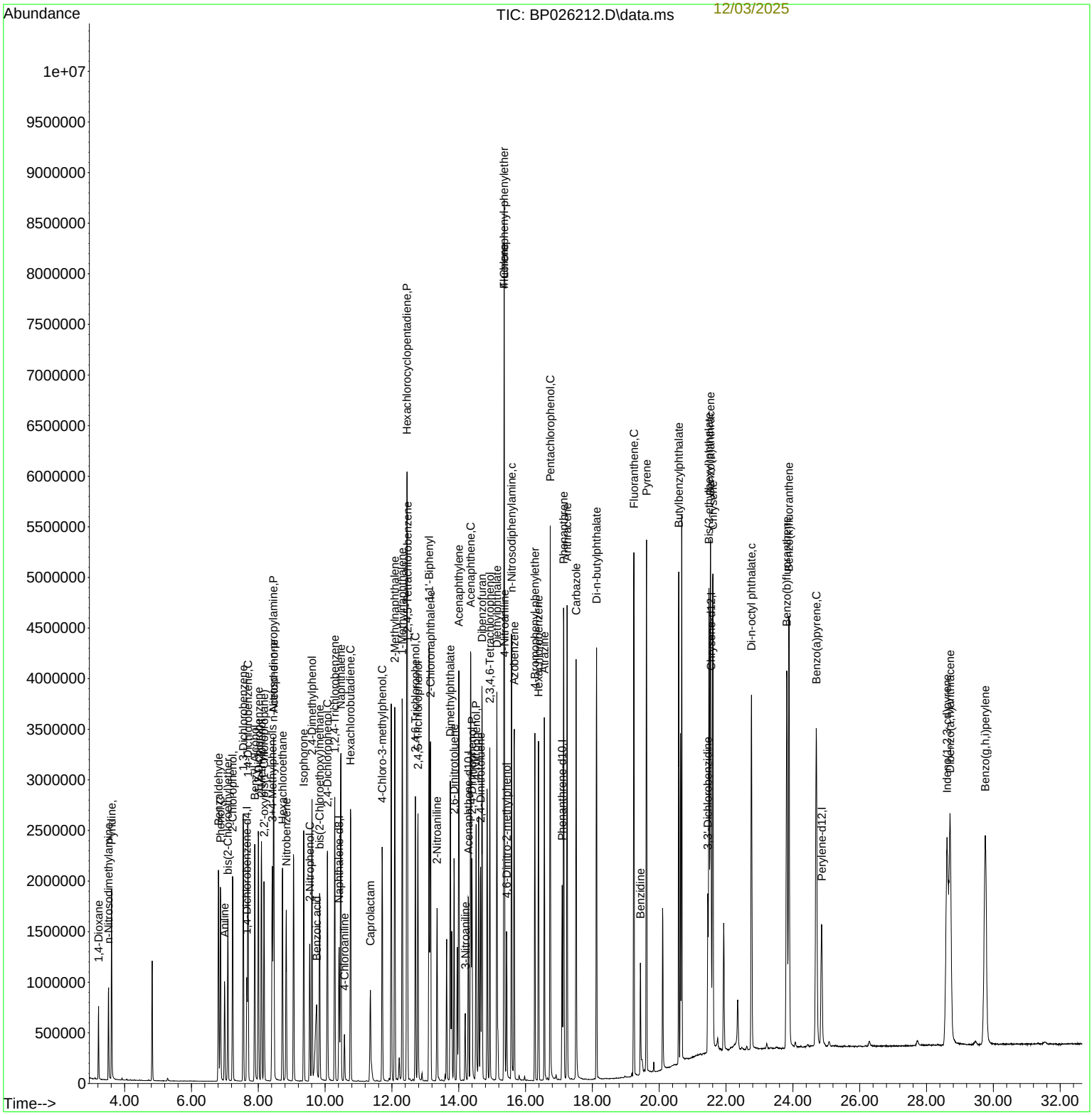
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