Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120225\
Data File : BP026210.D
Acq On : 02 Dec 2025 16:34
Operator : RC/JU
Sample : PB170782BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170782BSD

Quant Time: Dec 02 16:54:41 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.654	152	285694	20.000	ng		-0.02
21) Naphthalene-d8	10.425	136	1094537	20.000	ng		-0.02
39) Acenaphthene-d10	14.301	164	632103	20.000	ng		-0.02
64) Phenanthrene-d10	17.107	188	1166581	20.000	ng		-0.02
76) Chrysene-d12	21.536	240	1153312	20.000	ng		-0.04
86) Perylene-d12	24.848	264	1441009	20.000	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.284	112	2162374	121.486	ng		0.00
7) Phenol-d6	6.843	99	2575294	113.650	ng		-0.01
23) Nitrobenzene-d5	8.796	82	1548858	80.380	ng		-0.02
42) 2,4,6-Tribromophenol	15.813	330	1012621	123.492	ng		-0.02
45) 2-Fluorobiphenyl	12.907	172	3746026	86.855	ng		-0.02
79) Terphenyl-d14	19.842	244	4958110	87.659	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.219	88	243552	33.735	ng		99
3) Pyridine	3.608	79	654639	31.377	ng		99
4) n-Nitrosodimethylamine	3.514	42	320789	41.140	ng		94
6) Aniline	6.990	93	751936	25.133	ng		98
8) 2-Chlorophenol	7.231	128	853090	42.106	ng		100
9) Benzaldehyde	6.807	77	347818	29.291	ng		97
10) Phenol	6.866	94	981707	40.216	ng		98
11) bis(2-Chloroethyl)ether	7.090	93	761052	39.818	ng		98
12) 1,3-Dichlorobenzene	7.549	146	932787	42.735	ng		99
13) 1,4-Dichlorobenzene	7.696	146	952468	43.305	ng		99
14) 1,2-Dichlorobenzene	8.007	146	906844	42.937	ng		100
15) Benzyl Alcohol	7.890	79	654639	39.434	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.178	45	1082689	40.334	ng		99
17) 2-Methylphenol	8.096	107	663820	39.947	ng		99
18) Hexachloroethane	8.731	117	344063	42.993	ng		98
19) n-Nitroso-di-n-propyla...	8.454	70	534942	38.000	ng		98
20) 3+4-Methylphenols	8.419	107	885912	38.473	ng		99
22) Acetophenone	8.466	105	1162762	41.795	ng	#	99
24) Nitrobenzene	8.837	77	816937	41.912	ng		99
25) Isophorone	9.366	82	1493431	39.094	ng		99
26) 2-Nitrophenol	9.543	139	420114	42.595	ng		97
27) 2,4-Dimethylphenol	9.607	122	735438	41.352	ng		99
28) bis(2-Chloroethoxy)met...	9.837	93	970609	40.570	ng		100
29) 2,4-Dichlorophenol	10.078	162	759421	42.723	ng		100
30) 1,2,4-Trichlorobenzene	10.290	180	840922	46.458	ng		98
31) Naphthalene	10.472	128	2467351	41.711	ng		99
32) Benzoic acid	9.748	122	509734	34.035	ng		99
33) 4-Chloroaniline	10.578	127	401549	15.962	ng		99
34) Hexachlorobutadiene	10.766	225	537314	45.642	ng		99
35) Caprolactam	11.354	113	218502	34.329	ng		99
36) 4-Chloro-3-methylphenol	11.713	107	734464	38.875	ng		97
37) 2-Methylnaphthalene	12.084	142	1551391	36.994	ng		99
38) 1-Methylnaphthalene	12.313	142	1601994	39.083	ng		99
40) 1,2,4,5-Tetrachloroben...	12.466	216	906121	47.408	ng		99
41) Hexachlorocyclopentadiene	12.448	237	1236476	98.848	ng		100
43) 2,4,6-Trichlorophenol	12.707	196	587009	44.798	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	643840	44.019	ng	98
46) 1,1'-Biphenyl	13.119	154	2147870	45.126	ng	98
47) 2-Chloronaphthalene	13.154	162	1668891	44.589	ng	99
48) 2-Nitroaniline	13.354	65	432675	41.571	ng	96
49) Acenaphthylene	14.019	152	2692834	43.618	ng	100
50) Dimethylphthalate	13.748	163	1983421	42.011	ng	100
51) 2,6-Dinitrotoluene	13.866	165	435854	46.592	ng	98
52) Acenaphthene	14.366	154	1538780	42.531	ng	100
53) 3-Nitroaniline	14.195	138	268946	24.417	ng	98
54) 2,4-Dinitrophenol	14.401	184	489549	86.693	ng	94
55) Dibenzofuran	14.707	168	2422649	43.233	ng	99
56) 4-Nitrophenol	14.525	139	745901	74.857	ng	94
57) 2,4-Dinitrotoluene	14.672	165	597190	42.754	ng	92
58) Fluorene	15.372	166	1870416	42.229	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.942	232	555911	44.801	ng	99
60) Diethylphthalate	15.154	149	1999956	42.052	ng	100
61) 4-Chlorophenyl-phenyle...	15.372	204	956132	43.385	ng	99
62) 4-Nitroaniline	15.383	138	380665	33.282	ng	96
63) Azobenzene	15.672	77	1696148	42.297	ng	99
65) 4,6-Dinitro-2-methylph...	15.442	198	331882	44.781	ng	97
66) n-Nitrosodiphenylamine	15.589	169	1677046	46.472	ng	100
67) 4-Bromophenyl-phenylether	16.289	248	603740	46.731	ng	97
68) Hexachlorobenzene	16.401	284	706795	47.146	ng	96
69) Atrazine	16.572	200	613441	45.079	ng	99
70) Pentachlorophenol	16.748	266	927369	88.432	ng	100
71) Phenanthrene	17.148	178	2922114	44.466	ng	100
72) Anthracene	17.248	178	2953334	44.062	ng	100
73) Carbazole	17.519	167	2679042	42.082	ng	99
74) Di-n-butylphthalate	18.130	149	3358990	44.506	ng	100
75) Fluoranthene	19.236	202	3271676	40.975	ng	99
77) Benzidine	19.442	184	820860	22.427	ng	99
78) Pyrene	19.613	202	3430371	45.363	ng	99
80) Butylbenzylphthalate	20.577	149	1413426	42.442	ng	99
81) Benzo(a)anthracene	21.518	228	3456216	43.635	ng	100
82) 3,3'-Dichlorobenzidine	21.448	252	834753	28.980	ng	99
83) Chrysene	21.583	228	3302386	44.239	ng	100
84) Bis(2-ethylhexyl)phtha...	21.483	149	2138908	42.428	ng	99
85) Di-n-octyl phthalate	22.754	149	3640013	41.293	ng	100
87) Indeno(1,2,3-cd)pyrene	28.595	276	5293611	48.983	ng	98
88) Benzo(b)fluoranthene	23.801	252	3870476	44.105	ng	99
89) Benzo(k)fluoranthene	23.871	252	3951593	45.083	ng	99
90) Benzo(a)pyrene	24.695	252	3806453	45.792	ng	99
91) Dibenzo(a,h)anthracene	28.677	278	4317470	48.803	ng	99
92) Benzo(g,h,i)perylene	29.765	276	4335653	49.307	ng	99

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

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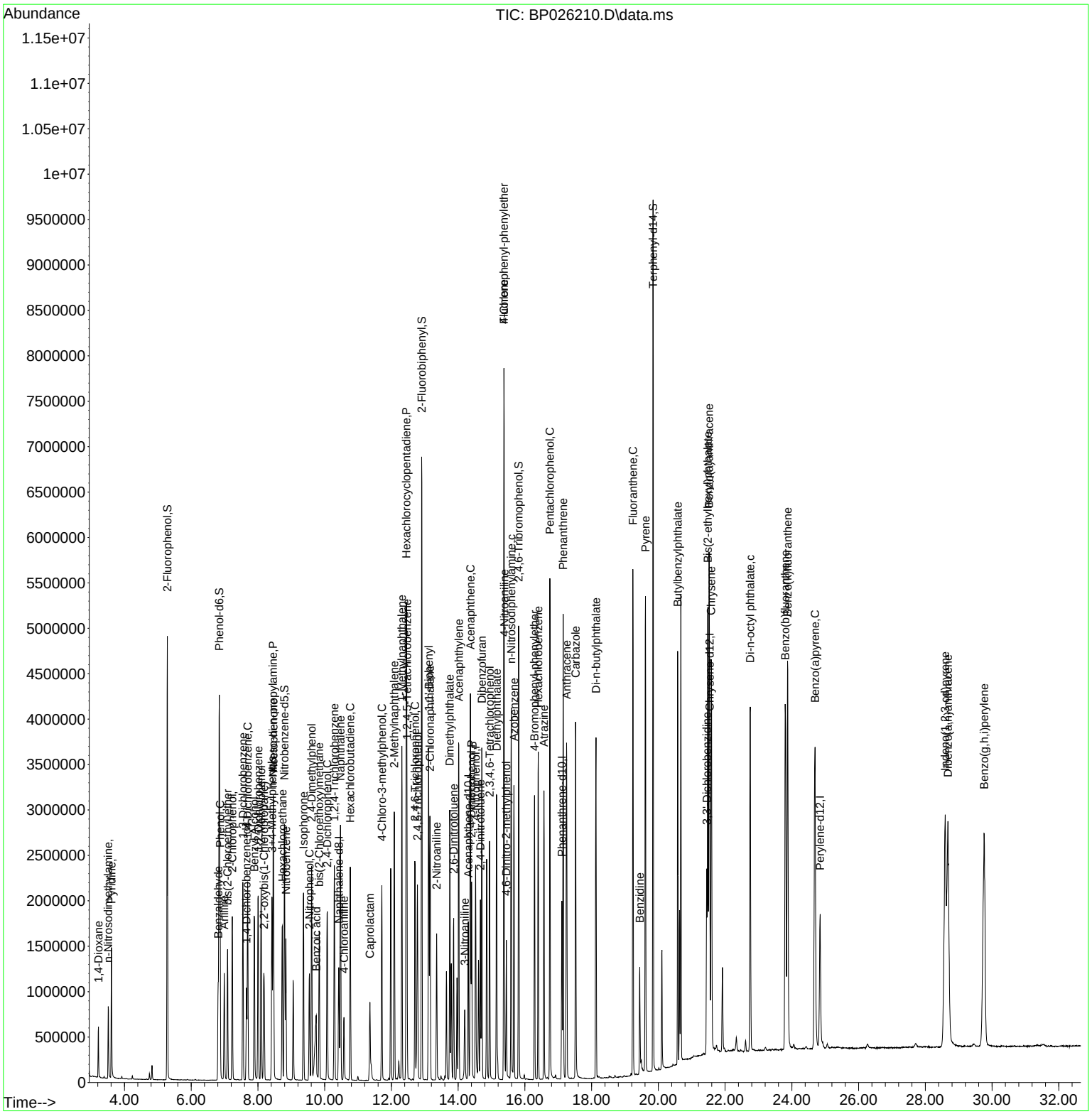
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