Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100725\
Data File : BP025942.D
Acq On : 07 Oct 2025 13:42
Operator : CG/JU
Sample : PB169995BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 07 14:10:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 19:16:54 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB169995BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/08/2025
Supervised By :Jagrut Upadhyay 10/08/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	254860	20.000	ng	-0.02
21) Naphthalene-d8	10.496	136	970823	20.000	ng	-0.03
39) Acenaphthene-d10	14.360	164	630369	20.000	ng	-0.02
64) Phenanthrene-d10	17.160	188	1253419	20.000	ng	-0.02
76) Chrysene-d12	21.607	240	1310350	20.000	ng	-0.04
86) Perylene-d12	24.959	264	1464257	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	1344895	85.147	ng	0.00
7) Phenol-d6	6.943	99	1656062	78.881	ng	0.00
23) Nitrobenzene-d5	8.884	82	1063765	48.334	ng	-0.02
42) 2,4,6-Tribromophenol	15.878	330	689508	87.695	ng	-0.03
45) 2-Fluorobiphenyl	12.960	172	2334182	49.304	ng	-0.03
79) Terphenyl-d14	19.883	244	3662591	50.284	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.302	88	155513	23.459	ng	98
3) Pyridine	3.702	79	444129	24.331	ng	93
4) n-Nitrosodimethylamine	3.608	42	215542	25.024	ng	89
6) Aniline	7.078	93	506346	17.569	ng	100
8) 2-Chlorophenol	7.319	128	513909	29.658	ng	98
9) Benzaldehyde	6.896	77	265292	21.082	ng	99
10) Phenol	6.966	94	631016	28.505	ng	99
11) bis(2-Chloroethyl)ether	7.166	93	477370	26.840	ng	96
12) 1,3-Dichlorobenzene	7.625	146	556345	28.211	ng	98
13) 1,4-Dichlorobenzene	7.772	146	568198	28.285	ng	97
14) 1,2-Dichlorobenzene	8.084	146	536760	27.504	ng	98
15) Benzyl Alcohol	7.984	79	469705	27.075	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.249	45	719134	24.725	ng	97
17) 2-Methylphenol	8.196	107	421731	28.256	ng	99
18) Hexachloroethane	8.796	117	212154	27.649	ng	99
19) n-Nitroso-di-n-propyla...	8.531	70	375559	25.647	ng	95
20) 3+4-Methylphenols	8.519	107	565405	27.050	ng	99
22) Acetophenone	8.549	105	829302	31.965	ng	98
24) Nitrobenzene	8.925	77	570078	28.874	ng	98
25) Isophorone	9.449	82	1042070	26.938	ng	98
26) 2-Nitrophenol	9.631	139	276031	31.489	ng	92
27) 2,4-Dimethylphenol	9.701	122	455578	29.624	ng	100
28) bis(2-Chloroethoxy)met...	9.913	93	636223	28.452	ng	100
29) 2,4-Dichlorophenol	10.184	162	458496	29.902	ng	99
30) 1,2,4-Trichlorobenzene	10.366	180	514619	29.780	ng	99
31) Naphthalene	10.549	128	1493902	28.538	ng	99
32) Benzoic acid	9.901	122	385441m	33.711	ng	
33) 4-Chloroaniline	10.678	127	340824	15.621	ng	99
34) Hexachlorobutadiene	10.825	225	336376	30.238	ng	99
35) Caprolactam	11.484	113	153936	26.044	ng	94
36) 4-Chloro-3-methylphenol	11.813	107	525238	28.732	ng	96
37) 2-Methylnaphthalene	12.154	142	950371	28.267	ng	99
38) 1-Methylnaphthalene	12.384	142	976383	27.233	ng	99
40) 1,2,4,5-Tetrachloroben...	12.531	216	652123	34.139	ng	99
41) Hexachlorocyclopentadiene	12.501	237	480349	46.172	ng	99
43) 2,4,6-Trichlorophenol	12.790	196	378865	30.170	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.884	196	415586	29.736	ng		96
46)	1,1'-Biphenyl	13.172	154	1474317	31.864	ng		99
47)	2-Chloronaphthalene	13.219	162	1044835	28.679	ng		100
48)	2-Nitroaniline	13.442	65	348434	28.690	ng		96
49)	Acenaphthylene	14.078	152	1736635	28.769	ng		100
50)	Dimethylphthalate	13.807	163	1333240	27.703	ng		100
51)	2,6-Dinitrotoluene	13.931	165	298728	29.298	ng		95
52)	Acenaphthene	14.425	154	953518	27.391	ng		99
53)	3-Nitroaniline	14.284	138	205838	19.197	ng		100
54)	2,4-Dinitrophenol	14.501	184	330637	51.691	ng		98
55)	Dibenzofuran	14.766	168	1571624	27.700	ng		98
56)	4-Nitrophenol	14.660	139	291101	34.242	ng		94
57)	2,4-Dinitrotoluene	14.742	165	429998	29.633	ng		95
58)	Fluorene	15.425	166	1268441	28.115	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.007	232	361438	28.709	ng		95
60)	Diethylphthalate	15.189	149	1372618	28.117	ng		100
61)	4-Chlorophenyl-phenyle...	15.413	204	647648	28.484	ng		98
62)	4-Nitroaniline	15.466	138	281486	25.625	ng		95
63)	Azobenzene	15.713	77	1262690	26.750	ng		98
65)	4,6-Dinitro-2-methylph...	15.525	198	246515	29.574	ng		91
66)	n-Nitrosodiphenylamine	15.636	169	1143480	29.811	ng		99
67)	4-Bromophenyl-phenylether	16.331	248	420440	30.533	ng		97
68)	Hexachlorobenzene	16.460	284	474072	30.873	ng	#	90
69)	Atrazine	16.613	200	437265	29.823	ng		97
70)	Pentachlorophenol	16.819	266	579117	57.142	ng		99
71)	Phenanthrene	17.201	178	2006961	28.227	ng		99
72)	Anthracene	17.301	178	2070295	28.698	ng		99
73)	Carbazole	17.583	167	1909977	28.478	ng		100
74)	Di-n-butylphthalate	18.166	149	2369800	28.792	ng		99
75)	Fluoranthene	19.289	202	2377307	27.879	ng		99
77)	Benzidine	19.501	184	903250	23.930	ng		99
78)	Pyrene	19.666	202	2485373	28.426	ng		99
80)	Butylbenzylphthalate	20.613	149	1095594	28.579	ng		97
81)	Benzo(a)anthracene	21.583	228	2516900	28.056	ng		100
82)	3,3'-Dichlorobenzidine	21.513	252	631897	20.371	ng		99
83)	Chrysene	21.654	228	2357893	27.573	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.507	149	1584609	28.253	ng		100
85)	Di-n-octyl phthalate	22.777	149	2778233	27.847	ng		97
87)	Indeno(1,2,3-cd)pyrene	28.771	276	2938321	27.594	ng	#	78
88)	Benzo(b)fluoranthene	23.895	252	2449484	27.356	ng		100
89)	Benzo(k)fluoranthene	23.965	252	2529226	27.681	ng		99
90)	Benzo(a)pyrene	24.801	252	2400485	27.375	ng		99
91)	Dibenzo(a,h)anthracene	28.859	278	2434928m	27.943	ng		
92)	Benzo(g,h,i)perylene	29.977	276	2316202	27.028	ng		99

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

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