Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025311.D
Acq On : 07 Aug 2025 13:03
Operator : CG/JU
Sample : PB169138BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 07 13:23:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB169138BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/08/2025
Supervised By :Jagrut Upadhyay 08/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.796	152	198161	20.000	ng		0.00
21) Naphthalene-d8	10.572	136	794123	20.000	ng		0.00
39) Acenaphthene-d10	14.419	164	479965	20.000	ng		0.00
64) Phenanthrene-d10	17.213	188	935557	20.000	ng		-0.01
76) Chrysene-d12	21.642	240	993641	20.000	ng		-0.02
86) Perylene-d12	25.018	264	1089848	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	1468871	119.220	ng		0.00
7) Phenol-d6	6.966	99	1820261	112.259	ng		0.00
23) Nitrobenzene-d5	8.937	82	1089538	76.010	ng		0.00
42) 2,4,6-Tribromophenol	15.925	330	595962	124.465	ng		0.00
45) 2-Fluorobiphenyl	13.031	172	2577249	74.166	ng		0.00
79) Terphenyl-d14	19.936	244	3728860	70.881	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	172318	35.441	ng		99
3) Pyridine	3.725	79	471441	34.900	ng		99
4) n-Nitrosodimethylamine	3.631	42	244155	38.932	ng		97
6) Aniline	7.125	93	660605	29.678	ng		99
8) 2-Chlorophenol	7.366	128	559371	41.477	ng		98
9) Benzaldehyde	6.943	77	308665	26.802	ng		98
10) Phenol	6.990	94	705633	40.672	ng		100
11) bis(2-Chloroethyl)ether	7.225	93	520695	38.304	ng		99
12) 1,3-Dichlorobenzene	7.690	146	597927	39.458	ng		98
13) 1,4-Dichlorobenzene	7.831	146	612626	39.960	ng		98
14) 1,2-Dichlorobenzene	8.149	146	588350	39.616	ng		99
15) Benzyl Alcohol	8.025	79	466609	37.124	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.319	45	790722	36.822	ng		99
17) 2-Methylphenol	8.225	107	469106	40.409	ng		98
18) Hexachloroethane	8.878	117	221334	40.370	ng		99
19) n-Nitroso-di-n-propyla...	8.596	70	390263	36.632	ng		99
20) 3+4-Methylphenols	8.549	107	626755	39.207	ng		99
22) Acetophenone	8.607	105	808212	40.541	ng	#	99
24) Nitrobenzene	8.978	77	566061	41.718	ng		98
25) Isophorone	9.496	82	1074666	37.664	ng		100
26) 2-Nitrophenol	9.684	139	215783	37.378	ng		99
27) 2,4-Dimethylphenol	9.743	122	535157	40.682	ng		96
28) bis(2-Chloroethoxy)met...	9.984	93	690923	39.806	ng		100
29) 2,4-Dichlorophenol	10.207	162	509262	44.219	ng		99
30) 1,2,4-Trichlorobenzene	10.437	180	526190	41.413	ng		98
31) Naphthalene	10.619	128	1668863	40.482	ng		100
32) Benzoic acid	9.843	122	279191	40.093	ng		99
33) 4-Chloroaniline	10.719	127	415384	22.655	ng		100
34) Hexachlorobutadiene	10.913	225	304068	41.690	ng		99
35) Caprolactam	11.466	113	173293	38.787	ng		99
36) 4-Chloro-3-methylphenol	11.837	107	557781	41.856	ng		98
37) 2-Methylnaphthalene	12.231	142	1049330	39.326	ng		99
38) 1-Methylnaphthalene	12.448	142	1095364	39.343	ng		100
40) 1,2,4,5-Tetrachloroben...	12.601	216	551039	42.052	ng		99
41) Hexachlorocyclopentadiene	12.595	237	706251	87.326	ng		99
43) 2,4,6-Trichlorophenol	12.837	196	373994	44.181	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	429156	45.194	ng		98
46) 1,1'-Biphenyl	13.242	154	1487895	42.065	ng		100
47) 2-Chloronaphthalene	13.290	162	1132796	41.978	ng		99
48) 2-Nitroaniline	13.478	65	324465	41.475	ng		96
49) Acenaphthylene	14.137	152	1905282	42.328	ng		100
50) Dimethylphthalate	13.866	163	1447011	41.356	ng		100
51) 2,6-Dinitrotoluene	13.984	165	298277	46.217	ng		98
52) Acenaphthene	14.484	154	1224767	44.608	ng		99
53) 3-Nitroaniline	14.307	138	226225	29.956	ng		99
54) 2,4-Dinitrophenol	14.513	184	257088	74.659	ng	#	50
55) Dibenzofuran	14.825	168	1685721	41.085	ng		99
56) 4-Nitrophenol	14.607	139	601954	90.316	ng		98
57) 2,4-Dinitrotoluene	14.772	165	422234	42.597	ng		97
58) Fluorene	15.484	166	1347554	41.816	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.048	232	355697	44.843	ng		100
60) Diethylphthalate	15.254	149	1472706	41.749	ng		100
61) 4-Chlorophenyl-phenyle...	15.484	204	635938	41.626	ng		98
62) 4-Nitroaniline	15.489	138	337750	45.137	ng		99
63) Azobenzene	15.778	77	1366541	41.701	ng		100
65) 4,6-Dinitro-2-methylph...	15.548	198	174211	43.620	ng		97
66) n-Nitrosodiphenylamine	15.689	169	1210333	42.489	ng		100
67) 4-Bromophenyl-phenylether	16.389	248	394059	41.862	ng		99
68) Hexachlorobenzene	16.501	284	436189	41.297	ng		97
69) Atrazine	16.666	200	444981	44.419	ng		99
70) Pentachlorophenol	16.854	266	609103	90.515	ng		99
71) Phenanthrene	17.248	178	2202587	42.984	ng		99
72) Anthracene	17.348	178	2255557	43.656	ng		100
73) Carbazole	17.619	167	2162418	43.600	ng		100
74) Di-n-butylphthalate	18.230	149	2566820	42.780	ng		99
75) Fluoranthene	19.330	202	2549296	42.976	ng		99
77) Benzidine	19.519	184	1271049	35.342	ng		99
78) Pyrene	19.707	202	2693349	40.762	ng		99
80) Butylbenzylphthalate	20.666	149	1196535	44.651	ng		97
81) Benzo(a)anthracene	21.624	228	2863310	43.364	ng		100
82) 3,3'-Dichlorobenzidine	21.542	252	631430	27.104	ng		98
83) Chrysene	21.689	228	2654825	43.349	ng		99
84) Bis(2-ethylhexyl)phtha...	21.595	149	1894127	44.266	ng		100
85) Di-n-octyl phthalate	22.889	149	3086593	43.095	ng		100
87) Indeno(1,2,3-cd)pyrene	28.859	276	3340546m	42.764	ng		
88) Benzo(b)fluoranthene	23.971	252	2889828	44.295	ng		99
89) Benzo(k)fluoranthene	24.030	252	2886682	44.634	ng		99
90) Benzo(a)pyrene	24.877	252	2778411	44.223	ng		100
91) Dibenzo(a,h)anthracene	28.959	278	2765619	43.229	ng		100
92) Benzo(g,h,i)perylene	30.042	276	2706313	43.102	ng		99

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

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