Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025402.D
Acq On : 14 Aug 2025 20:10
Operator : CG/JU
Sample : PB169210BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 15 01:37:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB169210BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	156059	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	650560	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	435539	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	895607	20.000	ng	0.00
76) Chrysene-d12	21.648	240	937531	20.000	ng	0.00
86) Perylene-d12	25.018	264	1016818	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1280798	136.296	ng	0.00
7) Phenol-d6	6.972	99	1664968	138.195	ng	0.00
23) Nitrobenzene-d5	8.937	82	1023164	79.558	ng	0.00
42) 2,4,6-Tribromophenol	15.919	330	807504	137.743	ng	0.00
45) 2-Fluorobiphenyl	13.025	172	2538853	79.667	ng	0.00
79) Terphenyl-d14	19.942	244	4256352	83.062	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.331	88	150326	40.840	ng	99
3) Pyridine	3.725	79	377128	37.433	ng	98
4) n-Nitrosodimethylamine	3.631	42	183326	44.137	ng	97
6) Aniline	7.125	93	680651	41.931	ng	98
8) 2-Chlorophenol	7.366	128	518221	48.869	ng	99
9) Benzaldehyde	6.937	77	256830	30.427	ng	98
10) Phenol	6.996	94	629374	49.784	ng	98
11) bis(2-Chloroethyl)ether	7.219	93	437105	44.360	ng	100
12) 1,3-Dichlorobenzene	7.684	146	509681	43.589	ng	100
13) 1,4-Dichlorobenzene	7.825	146	520662	43.564	ng	99
14) 1,2-Dichlorobenzene	8.143	146	502978	43.476	ng	97
15) Benzyl Alcohol	8.025	79	446566	46.649	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.313	45	580366	43.968	ng	98
17) 2-Methylphenol	8.225	107	435851	49.640	ng	99
18) Hexachloroethane	8.866	117	192819	43.879	ng	96
19) n-Nitroso-di-n-propyla...	8.584	70	349179	43.755	ng	97
20) 3+4-Methylphenols	8.549	107	601995	49.463	ng	98
22) Acetophenone	8.602	105	715431	43.852	ng	99
24) Nitrobenzene	8.978	77	512825	44.618	ng	99
25) Isophorone	9.502	82	1003541	44.092	ng	99
26) 2-Nitrophenol	9.678	139	274616	46.556	ng	99
27) 2,4-Dimethylphenol	9.743	122	502601	49.547	ng	99
28) bis(2-Chloroethoxy)met...	9.978	93	622573	45.252	ng	98
29) 2,4-Dichlorophenol	10.213	162	505992	50.213	ng	99
30) 1,2,4-Trichlorobenzene	10.425	180	484724	43.881	ng	99
31) Naphthalene	10.613	128	1505392	44.521	ng	99
32) Benzoic acid	9.884	122	383103	51.155	ng	97
33) 4-Chloroaniline	10.713	127	624236	41.794	ng	99
34) Hexachlorobutadiene	10.901	225	298042	43.323	ng	98
35) Caprolactam	11.496	113	181569	49.139	ng	99
36) 4-Chloro-3-methylphenol	11.831	107	582706	50.394	ng	98
37) 2-Methylnaphthalene	12.219	142	1004265	45.639	ng	99
38) 1-Methylnaphthalene	12.443	142	1051392	44.929	ng	99
40) 1,2,4,5-Tetrachloroben...	12.590	216	564099	44.845	ng	99
41) Hexachlorocyclopentadiene	12.578	237	716635	94.317	ng	99
43) 2,4,6-Trichlorophenol	12.825	196	420901	49.564	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	468666	50.356	ng	98
46) 1,1'-Biphenyl	13.231	154	1476847	46.689	ng	100
47) 2-Chloronaphthalene	13.272	162	1146132	46.544	ng	99
48) 2-Nitroaniline	13.472	65	355089	49.489	ng	96
49) Acenaphthylene	14.131	152	1910326	46.883	ng	100
50) Dimethylphthalate	13.860	163	1540919	48.314	ng	99
51) 2,6-Dinitrotoluene	13.978	165	335519	49.911	ng	98
52) Acenaphthene	14.478	154	1132105	47.334	ng	100
53) 3-Nitroaniline	14.307	138	331713	43.858	ng	97
54) 2,4-Dinitrophenol	14.513	184	401585	111.865	ng	97
55) Dibenzofuran	14.813	168	1757203	46.470	ng	100
56) 4-Nitrophenol	14.625	139	648186	104.294	ng	98
57) 2,4-Dinitrotoluene	14.766	165	491249	51.219	ng	100
58) Fluorene	15.472	166	1388189	46.525	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.042	232	408762	49.740	ng	99
60) Diethylphthalate	15.248	149	1563135	48.233	ng	99
61) 4-Chlorophenyl-phenyle...	15.472	204	683735	46.075	ng	98
62) 4-Nitroaniline	15.489	138	380486	49.072	ng	99
63) Azobenzene	15.772	77	1343333	48.409	ng	99
65) 4,6-Dinitro-2-methylph...	15.548	198	277954	49.788	ng	95
66) n-Nitrosodiphenylamine	15.689	169	1290834	47.265	ng	99
67) 4-Bromophenyl-phenylether	16.384	248	460600	46.761	ng	96
68) Hexachlorobenzene	16.501	284	531682	46.564	ng	98
69) Atrazine	16.660	200	492822	48.184	ng	97
70) Pentachlorophenol	16.848	266	700841	97.234	ng	99
71) Phenanthrene	17.248	178	2335980	47.481	ng	100
72) Anthracene	17.348	178	2338590	46.547	ng	99
73) Carbazole	17.619	167	2254500	47.640	ng	99
74) Di-n-butylphthalate	18.219	149	2850461	48.957	ng	100
75) Fluoranthene	19.336	202	2769236	47.188	ng	99
77) Benzidine	19.525	184	2034719	63.593	ng	99
78) Pyrene	19.713	202	2848697	46.748	ng	99
80) Butylbenzylphthalate	20.666	149	1350312	48.894	ng	99
81) Benzo(a)anthracene	21.630	228	2905027	46.984	ng	100
82) 3,3'-Dichlorobenzidine	21.548	252	936735	40.194	ng	99
83) Chrysene	21.695	228	2733737	47.211	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	1973001	48.532	ng	100
85) Di-n-octyl phthalate	22.877	149	3308927	47.320	ng	100
87) Indeno(1,2,3-cd)pyrene	28.848	276	3596116m	48.225	ng	
88) Benzo(b)fluoranthene	23.971	252	2918542	48.676	ng	99
89) Benzo(k)fluoranthene	24.042	252	2967349	49.456	ng	100
90) Benzo(a)pyrene	24.871	252	2854031	48.899	ng	99
91) Dibenzo(a,h)anthracene	28.942	278	2946612	48.354	ng	98
92) Benzo(g,h,i)perylene	30.053	276	2879368	48.068	ng	99

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

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