Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025367.D
Acq On : 12 Aug 2025 14:59
Operator : CG/JU
Sample : PB169162BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 12 15:26:29 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 :
PB169162BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.802	152	225101	20.000	ng		0.00
21) Naphthalene-d8	10.578	136	868961	20.000	ng		0.00
39) Acenaphthene-d10	14.419	164	499669	20.000	ng		0.00
64) Phenanthrene-d10	17.213	188	905214	20.000	ng		-0.01
76) Chrysene-d12	21.672	240	925673	20.000	ng		0.01
86) Perylene-d12	25.054	264	1141263	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.414	112	1565297	111.842	ng		0.00
7) Phenol-d6	6.972	99	1881423	102.144	ng		0.00
23) Nitrobenzene-d5	8.943	82	1174511	74.882	ng		0.00
42) 2,4,6-Tribromophenol	15.925	330	671456	134.701	ng		0.00
45) 2-Fluorobiphenyl	13.037	172	2700783	74.656	ng		0.00
79) Terphenyl-d14	19.942	244	3514512	71.712	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	187642	33.974	ng		94
3) Pyridine	3.731	79	512075	33.371	ng		94
4) n-Nitrosodimethylamine	3.637	42	242242	34.004	ng		88
6) Aniline	7.131	93	727082	28.755	ng		97
8) 2-Chlorophenol	7.372	128	625952	40.860	ng		97
9) Benzaldehyde	6.943	77	323263m	24.710	ng		
10) Phenol	7.002	94	728773	36.979	ng		99
11) bis(2-Chloroethyl)ether	7.225	93	576157	37.312	ng		97
12) 1,3-Dichlorobenzene	7.690	146	687421	39.935	ng		99
13) 1,4-Dichlorobenzene	7.837	146	694370	39.871	ng		98
14) 1,2-Dichlorobenzene	8.149	146	667691	39.578	ng		98
15) Benzyl Alcohol	8.031	79	497004	34.810	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	792824	32.501	ng		97
17) 2-Methylphenol	8.237	107	494163	37.473	ng		98
18) Hexachloroethane	8.878	117	255936	41.094	ng		96
19) n-Nitroso-di-n-propyla...	8.596	70	408435	33.750	ng		95
20) 3+4-Methylphenols	8.555	107	655207	36.082	ng		97
22) Acetophenone	8.613	105	855179	39.203	ng	#	95
24) Nitrobenzene	8.984	77	615185	41.433	ng		96
25) Isophorone	9.507	82	1160006	37.154	ng		100
26) 2-Nitrophenol	9.690	139	313107	48.379	ng		94
27) 2,4-Dimethylphenol	9.749	122	546413	37.960	ng		99
28) bis(2-Chloroethoxy)met...	9.984	93	735555	38.728	ng		99
29) 2,4-Dichlorophenol	10.225	162	536753	42.592	ng		98
30) 1,2,4-Trichlorobenzene	10.437	180	591515	42.545	ng		99
31) Naphthalene	10.625	128	1843547	40.868	ng		100
32) Benzoic acid	9.878	122	379742	46.754	ng		93
33) 4-Chloroaniline	10.725	127	398865	19.881	ng		98
34) Hexachlorobutadiene	10.919	225	360350	45.151	ng		98
35) Caprolactam	11.502	113	176542	36.111	ng		86
36) 4-Chloro-3-methylphenol	11.849	107	566477	38.848	ng		97
37) 2-Methylnaphthalene	12.237	142	1153068	39.492	ng		99
38) 1-Methylnaphthalene	12.454	142	1183789	38.857	ng		99
40) 1,2,4,5-Tetrachloroben...	12.601	216	612075	44.868	ng		99
41) Hexachlorocyclopentadiene	12.590	237	829851	98.563	ng		100
43) 2,4,6-Trichlorophenol	12.843	196	411809	46.730	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.913	196	455288	46.055	ng		99
46) 1,1'-Biphenyl	13.248	154	1579473	42.894	ng		99
47) 2-Chloronaphthalene	13.284	162	1202927	42.819	ng		99
48) 2-Nitroaniline	13.478	65	341333	41.880	ng		95
49) Acenaphthylene	14.137	152	1998779	42.654	ng		100
50) Dimethylphthalate	13.872	163	1469309	40.337	ng		100
51) 2,6-Dinitrotoluene	13.984	165	318785	47.447	ng		90
52) Acenaphthene	14.484	154	1361914m	47.647	ng		
53) 3-Nitroaniline	14.313	138	248317	31.585	ng		91
54) 2,4-Dinitrophenol	14.519	184	351344	88.223	ng	#	49
55) Dibenzofuran	14.825	168	1781657	41.711	ng		100
56) 4-Nitrophenol	14.625	139	565065	81.438	ng		97
57) 2,4-Dinitrotoluene	14.778	165	444894	43.074	ng		98
58) Fluorene	15.478	166	1396379	41.623	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.048	232	375118	45.426	ng		98
60) Diethylphthalate	15.254	149	1493596	40.672	ng		100
61) 4-Chlorophenyl-phenyle...	15.478	204	673940	42.374	ng		98
62) 4-Nitroaniline	15.484	138	338788	43.490	ng		98
63) Azobenzene	15.772	77	1344539	39.411	ng		98
65) 4,6-Dinitro-2-methylph...	15.548	198	236369	55.618	ng		99
66) n-Nitrosodiphenylamine	15.690	169	1251518	45.407	ng		100
67) 4-Bromophenyl-phenylether	16.389	248	418616	45.961	ng		96
68) Hexachlorobenzene	16.507	284	462448	45.250	ng		99
69) Atrazine	16.666	200	429686	44.330	ng		99
70) Pentachlorophenol	16.860	266	622752	95.645	ng		99
71) Phenanthrene	17.254	178	2152608	43.417	ng		99
72) Anthracene	17.348	178	2203492	44.078	ng		100
73) Carbazole	17.625	167	2057025	42.866	ng		99
74) Di-n-butylphthalate	18.225	149	2477295	42.672	ng		100
75) Fluoranthene	19.336	202	2464787	42.945	ng		98
77) Benzidine	19.536	184	956421	28.546	ng		99
78) Pyrene	19.713	202	2539786	41.260	ng		100
80) Butylbenzylphthalate	20.677	149	1196778	47.939	ng		99
81) Benzo(a)anthracene	21.648	228	2620354	42.598	ng		100
82) 3,3'-Dichlorobenzidine	21.560	252	794480	36.606	ng		99
83) Chrysene	21.719	228	2507228	43.945	ng		99
84) Bis(2-ethylhexyl)phtha...	21.607	149	1837958	46.107	ng		98
85) Di-n-octyl phthalate	22.913	149	3380971	50.672	ng		96
87) Indeno(1,2,3-cd)pyrene	28.918	276	3733301m	45.639	ng		
88) Benzo(b)fluoranthene	23.989	252	2873899	42.066	ng		100
89) Benzo(k)fluoranthene	24.060	252	2949664	43.553	ng		99
90) Benzo(a)pyrene	24.901	252	2849707	43.314	ng		99
91) Dibenzo(a,h)anthracene	29.018	278	3057355	45.636	ng		99
92) Benzo(g,h,i)perylene	30.118	276	2991163	45.493	ng		98

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

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