Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144077.D
Acq On : 27 Oct 2025 11:56
Operator : RC/JU
Sample : PB170210BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 27 12:33:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170210BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	69633	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	270699	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	145913	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	270812	20.000	ng		0.00
76) Chrysene-d12	14.062	240	145792	20.000	ng		0.00
86) Perylene-d12	15.545	264	180063	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	388586	88.289	ng		0.02
7) Phenol-d6	6.510	99	450111	92.601	ng		0.00
23) Nitrobenzene-d5	7.445	82	427875	86.598	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	182428	98.151	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	892931	86.116	ng		0.00
79) Terphenyl-d14	12.998	244	955776	114.609	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	66042	34.724	ng		97
3) Pyridine	3.481	79	175799	34.527	ng		97
4) n-Nitrosodimethylamine	3.434	42	136103	43.502	ng		96
6) Aniline	6.545	93	174207	25.051	ng		98
8) 2-Chlorophenol	6.663	128	190991	44.064	ng		97
10) Phenol	6.528	94	258935	43.179	ng		98
11) bis(2-Chloroethyl)ether	6.616	93	203334	46.925	ng		97
12) 1,3-Dichlorobenzene	6.822	146	235168	43.984	ng		100
13) 1,4-Dichlorobenzene	6.898	146	238693	45.299	ng		98
14) 1,2-Dichlorobenzene	7.051	146	233063	45.713	ng		99
15) Benzyl Alcohol	7.022	79	192356	48.669	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	369951	45.426	ng		99
17) 2-Methylphenol	7.134	107	157865	47.355	ng		98
18) Hexachloroethane	7.392	117	81576	43.303	ng		98
19) n-Nitroso-di-n-propyla...	7.292	70	156813	49.889	ng		94
20) 3+4-Methylphenols	7.286	107	183857	46.654	ng	#	90
22) Acetophenone	7.292	105	259375	44.337	ng		97
24) Nitrobenzene	7.463	77	230378	44.077	ng		97
25) Isophorone	7.704	82	409716	47.430	ng		99
26) 2-Nitrophenol	7.781	139	109159	43.901	ng		97
27) 2,4-Dimethylphenol	7.816	122	183060	49.542	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	245073	45.493	ng		99
29) 2,4-Dichlorophenol	8.022	162	188162	43.789	ng		97
30) 1,2,4-Trichlorobenzene	8.104	180	206239	46.653	ng		98
31) Naphthalene	8.186	128	550251	43.068	ng		99
32) Benzoic acid	7.945	122	122479	52.257	ng		88
33) 4-Chloroaniline	8.233	127	135875	30.550	ng		97
34) Hexachlorobutadiene	8.298	225	148790	41.162	ng		99
35) Caprolactam	8.604	113	56883m	52.789	ng		
36) 4-Chloro-3-methylphenol	8.716	107	180239	47.531	ng		93
37) 2-Methylnaphthalene	8.875	142	367930	43.679	ng		96
38) 1-Methylnaphthalene	8.975	142	341894	42.841	ng		96
40) 1,2,4,5-Tetrachloroben...	9.045	216	213604	42.595	ng		98
41) Hexachlorocyclopentadiene	9.028	237	212668	137.305	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	151582	46.504	ng		99
44) 2,4,5-Trichlorophenol	9.204	196	153246	44.797	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.339	154	459294	43.972	ng		100
47) 2-Chloronaphthalene	9.369	162	390176	44.588	ng		96
48) 2-Nitroaniline	9.463	65	125269	48.208	ng		99
49) Acenaphthylene	9.786	152	543618	46.073	ng		99
50) Dimethylphthalate	9.645	163	457498	47.834	ng		100
51) 2,6-Dinitrotoluene	9.704	165	99534	52.642	ng		100
52) Acenaphthene	9.957	154	331396m	42.056	ng		
53) 3-Nitroaniline	9.875	138	77993	37.101	ng		95
54) 2,4-Dinitrophenol	9.986	184	118130	115.513	ng		99
55) Dibenzofuran	10.127	168	499666	45.675	ng		99
56) 4-Nitrophenol	10.039	139	137633	96.685	ng		97
57) 2,4-Dinitrotoluene	10.110	165	129476	50.738	ng	#	96
58) Fluorene	10.474	166	376247	45.139	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	126574	52.507	ng	#	98
60) Diethylphthalate	10.345	149	425325	47.287	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	221949	47.349	ng		96
62) 4-Nitroaniline	10.492	138	88718	44.541	ng		98
63) Azobenzene	10.622	77	402347	47.262	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	79784	45.919	ng		93
66) n-Nitrosodiphenylamine	10.580	169	376450	43.507	ng		98
67) 4-Bromophenyl-phenylether	10.957	248	153807	45.361	ng		95
68) Hexachlorobenzene	11.022	284	181258	43.588	ng		97
69) Atrazine	11.110	200	84663	29.818	ng		99
70) Pentachlorophenol	11.216	266	178439	90.147	ng		97
71) Phenanthrene	11.439	178	577108	42.899	ng		98
72) Anthracene	11.492	178	573686	41.281	ng		99
73) Carbazole	11.645	167	501022	42.357	ng		98
74) Di-n-butylphthalate	11.969	149	607300	41.876	ng		100
75) Fluoranthene	12.627	202	586828	39.483	ng		99
77) Benzidine	12.751	184	37428	8.249	ng		98
78) Pyrene	12.857	202	587919	56.091	ng		99
80) Butylbenzylphthalate	13.474	149	199803	50.388	ng		99
81) Benzo(a)anthracene	14.051	228	477212	48.435	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	151232	44.094	ng		98
83) Chrysene	14.086	228	432073	46.732	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	251180	46.400	ng		99
85) Di-n-octyl phthalate	14.645	149	435137	46.741	ng		99
87) Indeno(1,2,3-cd)pyrene	17.056	276	632133	51.134	ng		99
88) Benzo(b)fluoranthene	15.109	252	575949	56.579	ng		99
89) Benzo(k)fluoranthene	15.139	252	433568	46.164	ng		99
90) Benzo(a)pyrene	15.480	252	455184	49.843	ng		99
91) Dibenzo(a,h)anthracene	17.068	278	524352	53.584	ng		99
92) Benzo(g,h,i)perylene	17.515	276	541975	55.087	ng		99

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

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