Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061025\
Data File : BF142703.D
Acq On : 10 Jun 2025 10:37
Operator : RC/JU
Sample : PB168351BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 10 11:44:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 18:21:22 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	87982	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	355357	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	234579	20.000	ng		0.00
64) Phenanthrene-d10	11.428	188	361738	20.000	ng		0.00
76) Chrysene-d12	14.069	240	224252	20.000	ng		0.00
86) Perylene-d12	15.563	264	175871	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	676033	130.467	ng		0.01
7) Phenol-d6	6.528	99	835368	137.473	ng		0.00
23) Nitrobenzene-d5	7.463	82	527705	81.611	ng		0.00
42) 2,4,6-Tribromophenol	10.734	330	323021	122.564	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	1342901	78.290	ng		0.00
79) Terphenyl-d14	13.010	244	1287648	90.810	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.775	88	87340	44.017	ng		99
3) Pyridine	3.528	79	228082	44.569	ng		99
4) n-Nitrosodimethylamine	3.487	42	121943	48.958	ng		97
6) Aniline	6.557	93	281030	34.447	ng		95
8) 2-Chlorophenol	6.681	128	280377	49.595	ng		99
9) Benzaldehyde	6.446	77	138592	40.457	ng		99
10) Phenol	6.540	94	329818	48.470	ng		98
11) bis(2-Chloroethyl)ether	6.628	93	246646	49.755	ng		99
12) 1,3-Dichlorobenzene	6.834	146	303713	47.970	ng		98
13) 1,4-Dichlorobenzene	6.910	146	304840	47.090	ng		98
14) 1,2-Dichlorobenzene	7.063	146	295932	47.944	ng		98
15) Benzyl Alcohol	7.034	79	225996	50.843	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	381914	47.312	ng		97
17) 2-Methylphenol	7.151	107	218778	50.468	ng		96
18) Hexachloroethane	7.404	117	109093	49.052	ng		96
19) n-Nitroso-di-n-propyla...	7.310	70	181530	50.962	ng		100
20) 3+4-Methylphenols	7.304	107	268521	50.296	ng	#	89
22) Acetophenone	7.304	105	362815	46.706	ng		100
24) Nitrobenzene	7.481	77	271715	46.595	ng		100
25) Isophorone	7.716	82	502522	47.902	ng		100
26) 2-Nitrophenol	7.793	139	156091	48.526	ng		96
27) 2,4-Dimethylphenol	7.834	122	263805	48.256	ng		98
28) bis(2-Chloroethoxy)met...	7.928	93	313108	47.586	ng		99
29) 2,4-Dichlorophenol	8.040	162	243384	48.597	ng		100
30) 1,2,4-Trichlorobenzene	8.122	180	259339	47.473	ng		99
31) Naphthalene	8.204	128	835495	47.713	ng		99
32) Benzoic acid	7.957	122	162235	48.937	ng		99
33) 4-Chloroaniline	8.245	127	146610	20.365	ng		99
34) Hexachlorobutadiene	8.316	225	164295	48.832	ng		98
35) Caprolactam	8.622	113	85334m	55.474	ng		
36) 4-Chloro-3-methylphenol	8.734	107	265547	51.403	ng		98
37) 2-Methylnaphthalene	8.892	142	552683	50.160	ng		99
38) 1-Methylnaphthalene	8.992	142	575999	50.482	ng		100
40) 1,2,4,5-Tetrachloroben...	9.063	216	284698	41.996	ng		99
41) Hexachlorocyclopentadiene	9.045	237	368013	92.441	ng		99
43) 2,4,6-Trichlorophenol	9.175	196	202651	45.558	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	216883	45.649	ng	99
46) 1,1'-Biphenyl	9.357	154	842922	46.211	ng	100
47) 2-Chloronaphthalene	9.387	162	628659	45.997	ng	100
48) 2-Nitroaniline	9.481	65	190828	46.920	ng	100
49) Acenaphthylene	9.798	152	1066877	47.099	ng	100
50) Dimethylphthalate	9.657	163	755695	47.881	ng	100
51) 2,6-Dinitrotoluene	9.722	165	168310	49.298	ng	100
52) Acenaphthene	9.975	154	710194	51.253	ng	100
53) 3-Nitroaniline	9.887	138	104535	27.249	ng	99
54) 2,4-Dinitrophenol	10.004	184	208671	110.393	ng	97
55) Dibenzofuran	10.145	168	936093	47.089	ng	100
56) 4-Nitrophenol	10.057	139	293333	111.243	ng	94
57) 2,4-Dinitrotoluene	10.128	165	234351	51.208	ng	99
58) Fluorene	10.486	166	698219	43.943	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	199035	49.784	ng	100
60) Diethylphthalate	10.357	149	731481	47.740	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	351812	46.831	ng	99
62) 4-Nitroaniline	10.510	138	162018	44.521	ng	98
63) Azobenzene	10.639	77	585420	42.653	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	120572	52.260	ng	98
66) n-Nitrosodiphenylamine	10.598	169	585501	50.131	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	198868	49.738	ng	98
68) Hexachlorobenzene	11.039	284	227017	49.413	ng	98
69) Atrazine	11.122	200	186305	52.600	ng	99
70) Pentachlorophenol	11.233	266	260373	103.055	ng	99
71) Phenanthrene	11.451	178	926763	47.923	ng	100
72) Anthracene	11.504	178	954092	47.541	ng	100
73) Carbazole	11.657	167	903318	49.986	ng	100
74) Di-n-butylphthalate	11.980	149	977260	50.939	ng	100
75) Fluoranthene	12.639	202	981068	50.634	ng	98
77) Benzidine	12.763	184	288524	37.279	ng	99
78) Pyrene	12.875	202	994180	54.407	ng	100
80) Butylbenzylphthalate	13.486	149	288402	51.251	ng	100
81) Benzo(a)anthracene	14.057	228	755742	51.928	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	95297	20.485	ng	99
83) Chrysene	14.098	228	668732	48.511	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	348342	54.219	ng	99
85) Di-n-octyl phthalate	14.657	149	592340	47.404	ng	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	789735	63.481	ng	100
88) Benzo(b)fluoranthene	15.127	252	651571	62.011	ng	99
89) Benzo(k)fluoranthene	15.157	252	589170	59.587	ng	99
90) Benzo(a)pyrene	15.504	252	492373	50.007	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	642495	64.156	ng	100
92) Benzo(g,h,i)perylene	17.545	276	644132	62.114	ng	99

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

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