Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142418.D
Acq On : 16 May 2025 10:43
Operator : RC/JU
Sample : PB168000BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 16 12:00:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168000BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/19/2025
Supervised By :Jagrut Upadhyay 05/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	174819	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	668409	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	358648	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	610277	20.000	ng	0.00
76) Chrysene-d12	14.068	240	344602	20.000	ng	0.00
86) Perylene-d12	15.562	264	361352	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1179558	115.182	ng	0.02
7) Phenol-d6	6.534	99	1435484	113.968	ng	0.01
23) Nitrobenzene-d5	7.469	82	885171	80.765	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	476281	137.547	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1806890	71.837	ng	0.00
79) Terphenyl-d14	13.015	244	1732629	74.418	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.787	88	140624	30.493	ng	99
3) Pyridine	3.534	79	399451	36.893	ng	98
4) n-Nitrosodimethylamine	3.493	42	230893	36.692	ng	97
6) Aniline	6.569	93	517267	41.869	ng	99
8) 2-Chlorophenol	6.686	128	460054	42.039	ng	99
9) Benzaldehyde	6.451	77	278725	37.810	ng	99
10) Phenol	6.545	94	562888	42.160	ng	93
11) bis(2-Chloroethyl)ether	6.639	93	429356	32.610	ng	98
12) 1,3-Dichlorobenzene	6.845	146	487594	38.946	ng	98
13) 1,4-Dichlorobenzene	6.922	146	494121	39.308	ng	99
14) 1,2-Dichlorobenzene	7.075	146	471116	39.045	ng	98
15) Benzyl Alcohol	7.045	79	370842	45.469	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	715071	36.369	ng	98
17) 2-Methylphenol	7.151	107	360224	40.658	ng	99
18) Hexachloroethane	7.416	117	172317	41.200	ng	99
19) n-Nitroso-di-n-propyla...	7.316	70	302296	38.800	ng	98
20) 3+4-Methylphenols	7.304	107	443224	40.084	ng	93
22) Acetophenone	7.310	105	586580	39.469	ng	94
24) Nitrobenzene	7.486	77	448256	43.389	ng	97
25) Isophorone	7.722	82	834329	40.201	ng	99
26) 2-Nitrophenol	7.798	139	247521	49.562	ng	99
27) 2,4-Dimethylphenol	7.833	122	435661	41.752	ng	99
28) bis(2-Chloroethoxy)met...	7.933	93	521019	39.042	ng	100
29) 2,4-Dichlorophenol	8.039	162	385692	43.477	ng	100
30) 1,2,4-Trichlorobenzene	8.128	180	412320	41.299	ng	99
31) Naphthalene	8.210	128	1297671	40.058	ng	100
32) Benzoic acid	7.951	122	308321m	53.324	ng	
33) 4-Chloroaniline	8.251	127	121269	9.174	ng	98
34) Hexachlorobutadiene	8.322	225	243783	41.236	ng	98
35) Caprolactam	8.622	113	121976m	47.178	ng	
36) 4-Chloro-3-methylphenol	8.733	107	390439	42.339	ng	99
37) 2-Methylnaphthalene	8.898	142	809310	40.205	ng	98
38) 1-Methylnaphthalene	8.998	142	835112	39.804	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	409760	40.908	ng	98
41) Hexachlorocyclopentadiene	9.051	237	562008	90.785	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	285809	45.236	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	302375	44.979	ng		99
46) 1,1'-Biphenyl	9.363	154	1099242	39.974	ng		99
47) 2-Chloronaphthalene	9.386	162	817271	39.964	ng		99
48) 2-Nitroaniline	9.480	65	250800	47.846	ng		95
49) Acenaphthylene	9.804	152	1366081	39.931	ng		99
50) Dimethylphthalate	9.663	163	954219	41.434	ng		100
51) 2,6-Dinitrotoluene	9.722	165	212630	49.325	ng		92
52) Acenaphthene	9.975	154	925389	44.987	ng		99
53) 3-Nitroaniline	9.892	138	129278	25.571	ng		92
54) 2,4-Dinitrophenol	9.998	184	260837	112.243	ng	#	1
55) Dibenzofuran	10.151	168	1203834	39.654	ng		100
56) 4-Nitrophenol	10.051	139	379108	99.633	ng		97
57) 2,4-Dinitrotoluene	10.127	165	289718	52.395	ng		96
58) Fluorene	10.492	166	923244	39.850	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	254716	45.898	ng		99
60) Diethylphthalate	10.363	149	928901	40.389	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	447520	40.037	ng		98
62) 4-Nitroaniline	10.510	138	221459	55.268	ng		99
63) Azobenzene	10.645	77	848301	38.599	ng		98
65) 4,6-Dinitro-2-methylph...	10.533	198	158107	54.443	ng		96
66) n-Nitrosodiphenylamine	10.604	169	819284	40.344	ng		100
67) 4-Bromophenyl-phenylether	10.974	248	286907	41.482	ng		97
68) Hexachlorobenzene	11.039	284	324064	42.595	ng		96
69) Atrazine	11.127	200	247665	46.265	ng		100
70) Pentachlorophenol	11.233	266	389996	97.442	ng		98
71) Phenanthrene	11.457	178	1287589	40.251	ng		100
72) Anthracene	11.510	178	1313620	39.965	ng		100
73) Carbazole	11.657	167	1215031	41.203	ng		100
74) Di-n-butylphthalate	11.986	149	1351382	43.581	ng		100
75) Fluoranthene	12.645	202	1281209	40.066	ng		99
77) Benzidine	12.763	184	463926	74.081	ng		97
78) Pyrene	12.874	202	1267609	41.327	ng		100
80) Butylbenzylphthalate	13.486	149	399980	44.936	ng		99
81) Benzo(a)anthracene	14.057	228	960705	43.048	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	181087	34.893	ng		99
83) Chrysene	14.098	228	822280	39.580	ng		100
84) Bis(2-ethylhexyl)phtha...	14.045	149	505347	43.761	ng		100
85) Di-n-octyl phthalate	14.662	149	936824	45.133	ng		97
87) Indeno(1,2,3-cd)pyrene	17.074	276	1056699	42.038	ng		98
88) Benzo(b)fluoranthene	15.121	252	943574	43.114	ng		99
89) Benzo(k)fluoranthene	15.151	252	757229	37.808	ng		99
90) Benzo(a)pyrene	15.498	252	838232	42.741	ng		99
91) Dibenzo(a,h)anthracene	17.092	278	861169	41.468	ng		98
92) Benzo(g,h,i)perylene	17.527	276	849011	41.192	ng		98

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

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