Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
Data File : BF143292.D
Acq On : 04 Aug 2025 13:08
Operator : RC/JU
Sample : PB169095BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 04 13:38:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169095BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/05/2025
Supervised By :Jagrut Upadhyay 08/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	122717	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	482215	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	245125	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	389309	20.000	ng		0.00
76) Chrysene-d12	14.127	240	234823	20.000	ng		0.00
86) Perylene-d12	15.633	264	261898	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.604	112	938002	120.958	ng		0.02
7) Phenol-d6	6.593	99	1195466	122.476	ng		0.00
23) Nitrobenzene-d5	7.522	82	783452	80.986	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	326895	129.091	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1409418	78.635	ng		0.00
79) Terphenyl-d14	13.069	244	1283769	81.354	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.887	88	139133	37.917	ng		99
3) Pyridine	3.646	79	388592	40.801	ng		97
4) n-Nitrosodimethylamine	3.587	42	219431	44.624	ng		97
6) Aniline	6.622	93	508111	37.351	ng		98
8) 2-Chlorophenol	6.745	128	369701	45.481	ng		99
9) Benzaldehyde	6.510	77	233561	31.911	ng		98
10) Phenol	6.604	94	487044	45.803	ng		95
11) bis(2-Chloroethyl)ether	6.693	93	373520	45.877	ng		99
12) 1,3-Dichlorobenzene	6.904	146	388909	44.043	ng		99
13) 1,4-Dichlorobenzene	6.981	146	389201	43.767	ng		99
14) 1,2-Dichlorobenzene	7.134	146	381372	45.091	ng		98
15) Benzyl Alcohol	7.098	79	332218	44.576	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	683262	45.240	ng		98
17) 2-Methylphenol	7.210	107	305099	44.640	ng		99
18) Hexachloroethane	7.475	117	140665	45.693	ng		98
19) n-Nitroso-di-n-propyla...	7.369	70	272468	43.510	ng		100
20) 3+4-Methylphenols	7.357	107	371909	44.850	ng	#	87
22) Acetophenone	7.363	105	495714	43.421	ng		96
24) Nitrobenzene	7.540	77	404106	44.806	ng		100
25) Isophorone	7.775	82	759616	44.480	ng		99
26) 2-Nitrophenol	7.857	139	195580	49.966	ng		97
27) 2,4-Dimethylphenol	7.887	122	344953	43.234	ng		99
28) bis(2-Chloroethoxy)met...	7.981	93	460814	45.005	ng		100
29) 2,4-Dichlorophenol	8.098	162	300481	44.656	ng		100
30) 1,2,4-Trichlorobenzene	8.181	180	320429	44.079	ng		99
31) Naphthalene	8.263	128	1057515	44.530	ng		100
32) Benzoic acid	7.998	122	190009	42.893	ng		99
33) 4-Chloroaniline	8.304	127	253728	26.166	ng		100
34) Hexachlorobutadiene	8.387	225	196791	44.315	ng		100
35) Caprolactam	8.669	113	99534m	48.952	ng		
36) 4-Chloro-3-methylphenol	8.787	107	328600	44.930	ng		98
37) 2-Methylnaphthalene	8.957	142	643553	44.532	ng		100
38) 1-Methylnaphthalene	9.057	142	664217	44.634	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	309481	43.730	ng		99
41) Hexachlorocyclopentadiene	9.116	237	382773	83.125	ng		99
43) 2,4,6-Trichlorophenol	9.234	196	211052	43.090	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	221181	45.145	ng		97
46) 1,1'-Biphenyl	9.416	154	855640	44.740	ng		99
47) 2-Chloronaphthalene	9.445	162	624212	44.112	ng		99
48) 2-Nitroaniline	9.534	65	213589	48.131	ng		100
49) Acenaphthylene	9.863	152	1067795	45.027	ng		100
50) Dimethylphthalate	9.716	163	729437	45.653	ng		100
51) 2,6-Dinitrotoluene	9.775	165	156236	48.067	ng		98
52) Acenaphthene	10.034	154	681400	48.615	ng		99
53) 3-Nitroaniline	9.939	138	127562	33.553	ng		99
54) 2,4-Dinitrophenol	10.051	184	145087	96.948	ng	#	1
55) Dibenzofuran	10.204	168	925486	44.473	ng		99
56) 4-Nitrophenol	10.104	139	243883	85.904	ng		96
57) 2,4-Dinitrotoluene	10.181	165	208537	51.138	ng		96
58) Fluorene	10.551	166	697741	44.675	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	190606	46.965	ng		97
60) Diethylphthalate	10.416	149	721514	45.687	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	352680	45.349	ng		97
62) 4-Nitroaniline	10.557	138	157368	48.296	ng		99
63) Azobenzene	10.698	77	759343	46.134	ng		99
65) 4,6-Dinitro-2-methylph...	10.586	198	98935	48.423	ng		95
66) n-Nitrosodiphenylamine	10.657	169	626412	45.694	ng		99
67) 4-Bromophenyl-phenylether	11.028	248	212255	45.749	ng		99
68) Hexachlorobenzene	11.098	284	219731	45.312	ng		98
69) Atrazine	11.175	200	185950	49.201	ng		99
70) Pentachlorophenol	11.292	266	245397	86.051	ng		99
71) Phenanthrene	11.510	178	936017	45.281	ng		100
72) Anthracene	11.563	178	958437	45.462	ng		100
73) Carbazole	11.710	167	856195	46.510	ng		100
74) Di-n-butylphthalate	12.039	149	1032952	49.590	ng		100
75) Fluoranthene	12.698	202	902999	47.593	ng		98
77) Benzidine	12.816	184	416915	46.083	ng		99
78) Pyrene	12.927	202	910133	45.414	ng		100
80) Butylbenzylphthalate	13.539	149	333071	54.274	ng		99
81) Benzo(a)anthracene	14.116	228	716395	45.568	ng		99
82) 3,3'-Dichlorobenzidine	14.074	252	164019	31.303	ng		99
83) Chrysene	14.151	228	665853	47.107	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	452928	48.762	ng		99
85) Di-n-octyl phthalate	14.716	149	758779	45.067	ng		100
87) Indeno(1,2,3-cd)pyrene	17.180	276	848618	45.952	ng		100
88) Benzo(b)fluoranthene	15.186	252	753036	47.066	ng		99
89) Benzo(k)fluoranthene	15.216	252	621439	43.527	ng		99
90) Benzo(a)pyrene	15.568	252	679070	46.066	ng		99
91) Dibenzo(a,h)anthracene	17.198	278	684215	45.520	ng		100
92) Benzo(g,h,i)perylene	17.645	276	671145	46.158	ng		99

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

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