Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090325\
Data File : BF143629.D
Acq On : 03 Sep 2025 16:10
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 03 18:41:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 03 18:35:49 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	126054	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	473277	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	265858	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	425148	20.000	ng		0.00
76) Chrysene-d12	14.051	240	245019	20.000	ng		0.00
86) Perylene-d12	15.527	264	256216	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	686226	96.442	ng		0.00
7) Phenol-d6	6.516	99	832804	94.302	ng		0.00
23) Nitrobenzene-d5	7.463	82	736521	109.376	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	244339	109.906	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1515505	91.073	ng		0.00
79) Terphenyl-d14	12.998	244	1404010	95.478	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	162772	48.485	ng		100
3) Pyridine	3.451	79	437009	49.133	ng		99
4) n-Nitrosodimethylamine	3.416	42	183145	49.579	ng		96
6) Aniline	6.557	93	580895	47.255	ng		99
8) 2-Chlorophenol	6.675	128	376219	51.056	ng		99
9) Benzaldehyde	6.445	77	293789	44.774	ng		99
10) Phenol	6.534	94	460841m	47.596	ng		
11) bis(2-Chloroethyl)ether	6.634	93	360152	47.495	ng		98
12) 1,3-Dichlorobenzene	6.834	146	432996	47.613	ng		100
13) 1,4-Dichlorobenzene	6.910	146	431130	47.266	ng		99
14) 1,2-Dichlorobenzene	7.063	146	408302	47.299	ng		100
15) Benzyl Alcohol	7.034	79	328621	48.971	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	548473	45.957	ng		99
17) 2-Methylphenol	7.139	107	309504	48.039	ng		99
18) Hexachloroethane	7.410	117	143272	50.349	ng		97
19) n-Nitroso-di-n-propyla...	7.316	70	269395	47.903	ng		98
20) 3+4-Methylphenols	7.298	107	379315	46.770	ng	#	82
22) Acetophenone	7.304	105	500733	46.785	ng		98
24) Nitrobenzene	7.481	77	383813	53.307	ng		100
25) Isophorone	7.722	82	747742	49.277	ng		99
26) 2-Nitrophenol	7.792	139	162733	51.167	ng		99
27) 2,4-Dimethylphenol	7.822	122	328893	49.783	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	445149	47.986	ng		100
29) 2,4-Dichlorophenol	8.028	162	334363	51.576	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	340550	48.202	ng		98
31) Naphthalene	8.198	128	1096679	47.374	ng		100
32) Benzoic acid	7.945	122	197181m	48.913	ng		
33) 4-Chloroaniline	8.245	127	388326	48.446	ng		99
34) Hexachlorobutadiene	8.316	225	224389	48.826	ng		99
35) Caprolactam	8.633	113	93354	53.735	ng		96
36) 4-Chloro-3-methylphenol	8.722	107	343821	50.647	ng		99
37) 2-Methylnaphthalene	8.886	142	735714	46.985	ng		99
38) 1-Methylnaphthalene	8.986	142	710856	47.483	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	349011	47.500	ng		100
41) Hexachlorocyclopentadiene	9.039	237	190708	53.450	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	244432	53.996	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.198	196	243352	52.071	ng		99
46)	1,1'-Biphenyl	9.351	154	891013	47.124	ng		99
47)	2-Chloronaphthalene	9.380	162	703000	47.510	ng		100
48)	2-Nitroaniline	9.469	65	204507	50.753	ng		98
49)	Acenaphthylene	9.792	152	1012084	47.460	ng		100
50)	Dimethylphthalate	9.651	163	828635	49.223	ng		100
51)	2,6-Dinitrotoluene	9.710	165	154562	50.292	ng		94
52)	Acenaphthene	9.963	154	681067	47.745	ng		99
53)	3-Nitroaniline	9.880	138	172814	50.743	ng		98
54)	2,4-Dinitrophenol	9.980	184	59260	51.600	ng	#	31
55)	Dibenzofuran	10.139	168	981115	47.341	ng		100
56)	4-Nitrophenol	10.028	139	138994	55.687	ng		98
57)	2,4-Dinitrotoluene	10.116	165	210277	50.520	ng		99
58)	Fluorene	10.480	166	750899	46.843	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.251	232	197825	55.737	ng		99
60)	Diethylphthalate	10.351	149	792773	49.605	ng		99
61)	4-Chlorophenyl-phenyle...	10.469	204	379069	47.390	ng		99
62)	4-Nitroaniline	10.498	138	167757	50.589	ng		98
63)	Azobenzene	10.633	77	728591	48.364	ng		99
65)	4,6-Dinitro-2-methylph...	10.522	198	89744	49.470	ng		99
66)	n-Nitrosodiphenylamine	10.592	169	657495	47.914	ng		99
67)	4-Bromophenyl-phenylether	10.963	248	237922	48.252	ng		98
68)	Hexachlorobenzene	11.027	284	251378	48.534	ng		99
69)	Atrazine	11.116	200	214117	52.192	ng		100
70)	Pentachlorophenol	11.216	266	159320	54.759	ng		99
71)	Phenanthrene	11.445	178	1075105	46.765	ng		100
72)	Anthracene	11.492	178	1087183	47.152	ng		99
73)	Carbazole	11.645	167	922590	47.472	ng		100
74)	Di-n-butylphthalate	11.974	149	1142618	52.363	ng		100
75)	Fluoranthene	12.627	202	992751	47.019	ng		99
77)	Benzidine	12.745	184	222133	39.626	ng		100
78)	Pyrene	12.857	202	988872	48.910	ng		99
80)	Butylbenzylphthalate	13.474	149	325307	50.333	ng		98
81)	Benzo(a)anthracene	14.039	228	761007	47.952	ng		99
82)	3,3'-Dichlorobenzidine	14.004	252	211398	48.865	ng		98
83)	Chrysene	14.080	228	679511	47.632	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.033	149	446514	49.286	ng		99
85)	Di-n-octyl phthalate	14.645	149	793456	54.581	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.027	276	893270	50.011	ng		99
88)	Benzo(b)fluoranthene	15.092	252	727060	47.099	ng		100
89)	Benzo(k)fluoranthene	15.127	252	673695	50.464	ng		100
90)	Benzo(a)pyrene	15.468	252	655124	49.371	ng		99
91)	Dibenzo(a,h)anthracene	17.051	278	735390	50.056	ng		99
92)	Benzo(g,h,i)perylene	17.480	276	704369	49.771	ng		99

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

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