Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143772.D
Acq On : 16 Sep 2025 13:48
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 16 16:06:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 16 15:40:08 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	5612	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	19400	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	9345	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	14115	20.000	ng	0.00
76) Chrysene-d12	14.068	240	10560	20.000	ng	0.00
86) Perylene-d12	15.551	264	11012	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	35792	101.820	ng	0.00
7) Phenol-d6	6.516	99	39472	96.142	ng	-0.01
23) Nitrobenzene-d5	7.457	82	33370	101.781	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	9284	98.499	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	70642	104.066	ng	0.00
79) Terphenyl-d14	13.010	244	57212	84.380	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.651	88	9934	54.318	ng	97
3) Pyridine	3.422	79	22876	50.609	ng	98
4) n-Nitrosodimethylamine	3.375	42	8291	51.647	ng	99
6) Aniline	6.557	93	26259	48.929	ng	98
8) 2-Chlorophenol	6.675	128	18750	49.510	ng	98
9) Benzaldehyde	6.445	77	13721	54.129	ng	95
10) Phenol	6.528	94	22333m	48.897	ng	
11) bis(2-Chloroethyl)ether	6.628	93	16803	49.415	ng	98
12) 1,3-Dichlorobenzene	6.834	146	21039	49.903	ng	97
13) 1,4-Dichlorobenzene	6.910	146	19606	46.949	ng	95
14) 1,2-Dichlorobenzene	7.063	146	19497	49.624	ng	100
15) Benzyl Alcohol	7.034	79	13791	50.272	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.163	45	17812	47.030	ng	99
17) 2-Methylphenol	7.139	107	13053	46.005	ng	94
18) Hexachloroethane	7.410	117	6745	51.611	ng	92
19) n-Nitroso-di-n-propyla...	7.310	70	10999	46.116	ng	97
20) 3+4-Methylphenols	7.292	107	17365	46.496	ng	90
22) Acetophenone	7.304	105	23433	51.160	ng	95
24) Nitrobenzene	7.475	77	16765	50.427	ng	97
25) Isophorone	7.716	82	28647	48.243	ng	98
26) 2-Nitrophenol	7.792	139	9255	51.568	ng	96
27) 2,4-Dimethylphenol	7.822	122	14349	50.413	ng	96
28) bis(2-Chloroethoxy)met...	7.922	93	18035	48.726	ng	98
29) 2,4-Dichlorophenol	8.028	162	14425	51.618	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	15129	50.227	ng	96
31) Naphthalene	8.198	128	49721	50.177	ng	98
32) Benzoic acid	7.916	122	7452m	46.597	ng	
33) 4-Chloroaniline	8.245	127	16442	49.743	ng	97
34) Hexachlorobutadiene	8.316	225	9927	51.403	ng	99
35) Caprolactam	8.616	113	3312	49.181	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	12594	45.588	ng	97
37) 2-Methylnaphthalene	8.892	142	30488	47.601	ng	95
38) 1-Methylnaphthalene	8.986	142	31060	49.680	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	14957	53.061	ng	99
41) Hexachlorocyclopentadiene	9.045	237	8505	55.215	ng	97
43) 2,4,6-Trichlorophenol	9.163	196	9396	49.381	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	10234	53.840	ng	#	88
46) 1,1'-Biphenyl	9.357	154	36600	50.978	ng		98
47) 2-Chloronaphthalene	9.380	162	27607	49.400	ng		98
48) 2-Nitroaniline	9.469	65	7101	48.494	ng		96
49) Acenaphthylene	9.792	152	38787	49.387	ng		98
50) Dimethylphthalate	9.651	163	29884	48.656	ng		100
51) 2,6-Dinitrotoluene	9.716	165	6443	50.887	ng		96
52) Acenaphthene	9.969	154	26205	49.787	ng		90
53) 3-Nitroaniline	9.880	138	6580	49.280	ng		94
54) 2,4-Dinitrophenol	9.986	184	3284	48.388	ng	#	40
55) Dibenzofuran	10.139	168	37162	48.620	ng		98
56) 4-Nitrophenol	10.027	139	4987	49.315	ng		97
57) 2,4-Dinitrotoluene	10.116	165	8365	47.473	ng		96
58) Fluorene	10.480	166	29404	49.201	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	7286	50.034	ng	#	94
60) Diethylphthalate	10.351	149	26978	47.842	ng		98
61) 4-Chlorophenyl-phenyle...	10.474	204	15157	50.557	ng		99
62) 4-Nitroaniline	10.498	138	6093	47.770	ng		96
63) Azobenzene	10.633	77	23808	47.841	ng		94
65) 4,6-Dinitro-2-methylph...	10.522	198	4572	47.900	ng		93
66) n-Nitrosodiphenylamine	10.592	169	25077	50.908	ng		98
67) 4-Bromophenyl-phenylether	10.969	248	8646	49.578	ng		93
68) Hexachlorobenzene	11.033	284	8990	48.450	ng		94
69) Atrazine	11.116	200	7142	48.817	ng		99
70) Pentachlorophenol	11.221	266	5682	55.463	ng		90
71) Phenanthrene	11.445	178	38341	47.131	ng		99
72) Anthracene	11.498	178	39661	47.810	ng		98
73) Carbazole	11.651	167	32535	48.115	ng		100
74) Di-n-butylphthalate	11.986	149	40110	48.829	ng		99
75) Fluoranthene	12.639	202	35564	47.385	ng		97
77) Benzidine	12.757	184	16507	50.535	ng		98
78) Pyrene	12.868	202	37429	43.560	ng		94
80) Butylbenzylphthalate	13.486	149	14759	49.696	ng		98
81) Benzo(a)anthracene	14.057	228	33310	47.936	ng		97
82) 3,3'-Dichlorobenzidine	14.021	252	10502	52.830	ng		96
83) Chrysene	14.098	228	31854	50.253	ng		97
84) Bis(2-ethylhexyl)phtha...	14.045	149	20540	50.978	ng		98
85) Di-n-octyl phthalate	14.662	149	35450	52.119	ng	#	100
87) Indeno(1,2,3-cd)pyrene	17.062	276	34154	48.456	ng		97
88) Benzo(b)fluoranthene	15.115	252	33618	49.304	ng		98
89) Benzo(k)fluoranthene	15.151	252	28102m	47.001	ng		
90) Benzo(a)pyrene	15.492	252	27922	47.518	ng		99
91) Dibenzo(a,h)anthracene	17.080	278	28467	50.271	ng		95
92) Benzo(g,h,i)perylene	17.515	276	26306	48.460	ng		99

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

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