Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091625\
Data File : BF143774.D
Acq On : 16 Sep 2025 14:45
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

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

Quant Time: Sep 16 16:06:58 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	5597	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	20538	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	10687	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	17155	20.000	ng		0.00
76) Chrysene-d12	14.074	240	11666	20.000	ng		0.00
86) Perylene-d12	15.557	264	10294	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	58803	167.730	ng		0.00
7) Phenol-d6	6.528	99	66384	162.125	ng		0.00
23) Nitrobenzene-d5	7.469	82	55926	161.127	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	18327	170.024	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	123329	158.867	ng		0.00
79) Terphenyl-d14	13.015	244	108562	144.935	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	15209	83.383	ng		99
3) Pyridine	3.434	79	37626	83.463	ng		96
4) n-Nitrosodimethylamine	3.404	42	13765	85.976	ng		89
6) Aniline	6.563	93	42925	80.198	ng		97
8) 2-Chlorophenol	6.681	128	29850	79.032	ng		98
9) Benzaldehyde	6.451	77	16962	67.094	ng		97
10) Phenol	6.539	94	38831m	85.246	ng		
11) bis(2-Chloroethyl)ether	6.634	93	27246	80.341	ng		98
12) 1,3-Dichlorobenzene	6.839	146	32652	77.656	ng		97
13) 1,4-Dichlorobenzene	6.916	146	32338	77.646	ng		97
14) 1,2-Dichlorobenzene	7.069	146	29816	76.091	ng		99
15) Benzyl Alcohol	7.039	79	22667	82.849	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	29465	78.006	ng		96
17) 2-Methylphenol	7.145	107	22973	81.185	ng		96
18) Hexachloroethane	7.410	117	10279	78.863	ng		93
19) n-Nitroso-di-n-propyla...	7.322	70	19278	81.044	ng		100
20) 3+4-Methylphenols	7.304	107	30140	80.919	ng		94
22) Acetophenone	7.310	105	37493	77.321	ng	#	89
24) Nitrobenzene	7.486	77	27547	78.267	ng		97
25) Isophorone	7.728	82	50035	79.592	ng		98
26) 2-Nitrophenol	7.798	139	15665	82.447	ng		96
27) 2,4-Dimethylphenol	7.828	122	25325	84.045	ng		94
28) bis(2-Chloroethoxy)met...	7.928	93	31148	79.491	ng		98
29) 2,4-Dichlorophenol	8.039	162	24667	83.377	ng		98
30) 1,2,4-Trichlorobenzene	8.122	180	24559	77.016	ng		98
31) Naphthalene	8.204	128	82988	79.109	ng		99
32) Benzoic acid	7.957	122	16798m	79.512	ng		
33) 4-Chloroaniline	8.251	127	27869	79.642	ng		98
34) Hexachlorobutadiene	8.316	225	15909	77.814	ng		93
35) Caprolactam	8.645	113	6448	90.443	ng		94
36) 4-Chloro-3-methylphenol	8.728	107	23373	79.918	ng		99
37) 2-Methylnaphthalene	8.892	142	55385	81.681	ng		95
38) 1-Methylnaphthalene	8.992	142	54174	81.850	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	25865	80.235	ng		98
41) Hexachlorocyclopentadiene	9.045	237	14634	83.075	ng		97
43) 2,4,6-Trichlorophenol	9.169	196	18256	83.896	ng		98

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44) 2,4,5-Trichlorophenol	9.210	196	18513	85.165	ng		93
46) 1,1'-Biphenyl	9.363	154	65499	79.773	ng		97
47) 2-Chloronaphthalene	9.386	162	51728	80.939	ng		99
48) 2-Nitroaniline	9.480	65	13615	81.304	ng		96
49) Acenaphthylene	9.798	152	73108	81.398	ng		99
50) Dimethylphthalate	9.657	163	57024	81.185	ng		99
51) 2,6-Dinitrotoluene	9.722	165	12463	86.073	ng		96
52) Acenaphthene	9.975	154	49840	82.800	ng		95
53) 3-Nitroaniline	9.892	138	13145	86.086	ng		93
54) 2,4-Dinitrophenol	9.992	184	7551	79.208	ng	#	32
55) Dibenzofuran	10.145	168	72218	82.620	ng		98
56) 4-Nitrophenol	10.045	139	10621	91.839	ng		94
57) 2,4-Dinitrotoluene	10.122	165	16759	83.168	ng		96
58) Fluorene	10.486	166	57267	83.791	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.257	232	14785	88.782	ng	#	96
60) Diethylphthalate	10.363	149	52900	82.031	ng		97
61) 4-Chlorophenyl-phenyle...	10.480	204	28043	81.793	ng		96
62) 4-Nitroaniline	10.516	138	12327	84.510	ng		99
63) Azobenzene	10.639	77	47337	83.177	ng		98
65) 4,6-Dinitro-2-methylph...	10.539	198	9885	80.865	ng		88
66) n-Nitrosodiphenylamine	10.598	169	47113	78.694	ng		98
67) 4-Bromophenyl-phenylether	10.969	248	16898	79.727	ng		98
68) Hexachlorobenzene	11.039	284	17832	79.073	ng		96
69) Atrazine	11.127	200	14094	79.264	ng		95
70) Pentachlorophenol	11.227	266	11398	91.543	ng		94
71) Phenanthrene	11.451	178	78128	79.021	ng		99
72) Anthracene	11.504	178	81220	80.558	ng		99
73) Carbazole	11.657	167	66536	80.961	ng		99
74) Di-n-butylphthalate	11.986	149	79409	79.540	ng		98
75) Fluoranthene	12.645	202	69777	76.496	ng		96
78) Pyrene	12.874	202	71378m	75.194	ng		
80) Butylbenzylphthalate	13.486	149	26480	80.710	ng		99
81) Benzo(a)anthracene	14.062	228	57521	74.930	ng		98
82) 3,3'-Dichlorobenzidine	14.027	252	15674	71.372	ng		95
83) Chrysene	14.104	228	51229	73.157	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	35105	78.866	ng		100
85) Di-n-octyl phthalate	14.662	149	57159	76.069	ng	#	99
87) Indeno(1,2,3-cd)pyrene	17.074	276	53247	80.814	ng		99
88) Benzo(b)fluoranthene	15.121	252	52289	82.036	ng		99
89) Benzo(k)fluoranthene	15.157	252	44607	79.809	ng		97
90) Benzo(a)pyrene	15.498	252	42902	78.104	ng		97
91) Dibenzo(a,h)anthracene	17.098	278	42926	81.091	ng		97
92) Benzo(g,h,i)perylene	17.533	276	40828	80.458	ng		99

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

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