Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090325\
Data File : BF143630.D
Acq On : 03 Sep 2025 16:40
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

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

Quant Time: Sep 03 18:42:08 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	100937	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	383877	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	214988	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	334505	20.000	ng		0.00
76) Chrysene-d12	14.051	240	197640	20.000	ng		0.00
86) Perylene-d12	15.527	264	223092	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	688735	120.881	ng		0.00
7) Phenol-d6	6.516	99	842469	119.134	ng		0.00
23) Nitrobenzene-d5	7.457	82	746558	136.687	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	243600	135.500	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1518885	112.874	ng		0.00
79) Terphenyl-d14	12.998	244	1349289	113.753	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	158391	58.921	ng		99
3) Pyridine	3.446	79	432016	60.659	ng		99
4) n-Nitrosodimethylamine	3.405	42	182278	61.623	ng		98
6) Aniline	6.557	93	586029	59.536	ng		100
8) 2-Chlorophenol	6.675	128	377061	63.903	ng		99
9) Benzaldehyde	6.446	77	360055	68.527	ng		98
10) Phenol	6.534	94	463366m	59.766	ng		
11) bis(2-Chloroethyl)ether	6.634	93	357687	58.908	ng		98
12) 1,3-Dichlorobenzene	6.834	146	423406	58.144	ng		99
13) 1,4-Dichlorobenzene	6.910	146	428453	58.662	ng		99
14) 1,2-Dichlorobenzene	7.063	146	402902	58.287	ng		100
15) Benzyl Alcohol	7.034	79	331855	61.759	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	554434	58.017	ng		100
17) 2-Methylphenol	7.140	107	311740	60.426	ng		99
18) Hexachloroethane	7.410	117	143679	63.056	ng		97
19) n-Nitroso-di-n-propyla...	7.316	70	270127	59.985	ng		97
20) 3+4-Methylphenols	7.298	107	383381	59.034	ng	#	83
22) Acetophenone	7.304	105	506499	58.345	ng	#	98
24) Nitrobenzene	7.481	77	388447	66.515	ng		100
25) Isophorone	7.722	82	743275	60.390	ng		99
26) 2-Nitrophenol	7.793	139	172769	62.511	ng		98
27) 2,4-Dimethylphenol	7.822	122	333204	62.181	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	442839	58.855	ng		99
29) 2,4-Dichlorophenol	8.028	162	335666	63.836	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	341824	59.650	ng		99
31) Naphthalene	8.198	128	1090460	58.075	ng		100
32) Benzoic acid	7.945	122	213178m	62.692	ng		
33) 4-Chloroaniline	8.245	127	385910	59.357	ng		100
34) Hexachlorobutadiene	8.316	225	222540	59.702	ng		97
35) Caprolactam	8.634	113	92933	65.950	ng		94
36) 4-Chloro-3-methylphenol	8.722	107	339488	61.655	ng		98
37) 2-Methylnaphthalene	8.887	142	741806	58.406	ng		100
38) 1-Methylnaphthalene	8.987	142	710260	58.492	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	347609	58.504	ng		100
41) Hexachlorocyclopentadiene	9.039	237	189239	65.588	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	246596	67.364	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	242568	64.185	ng		99
46) 1,1'-Biphenyl	9.351	154	878980	57.487	ng		99
47) 2-Chloronaphthalene	9.381	162	699394	58.450	ng		99
48) 2-Nitroaniline	9.469	65	205170	62.201	ng		97
49) Acenaphthylene	9.792	152	997432	57.840	ng		100
50) Dimethylphthalate	9.645	163	807513	59.318	ng		100
51) 2,6-Dinitrotoluene	9.710	165	159031	62.958	ng		98
52) Acenaphthene	9.963	154	677279	58.713	ng		99
53) 3-Nitroaniline	9.881	138	170429	61.221	ng		96
54) 2,4-Dinitrophenol	9.981	184	63480	62.265	ng	#	16
55) Dibenzofuran	10.134	168	959089	57.229	ng		99
56) 4-Nitrophenol	10.028	139	138941	68.837	ng		99
57) 2,4-Dinitrotoluene	10.110	165	211403	61.868	ng		98
58) Fluorene	10.481	166	732176	56.483	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	195277	68.038	ng		98
60) Diethylphthalate	10.351	149	762986	59.037	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	371134	57.377	ng		99
62) 4-Nitroaniline	10.498	138	161856	59.817	ng		98
63) Azobenzene	10.634	77	706203	57.970	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	91464	61.559	ng		99
66) n-Nitrosodiphenylamine	10.592	169	629021	58.260	ng		98
67) 4-Bromophenyl-phenylether	10.963	248	233774	60.258	ng		97
68) Hexachlorobenzene	11.028	284	241371	59.230	ng		98
69) Atrazine	11.116	200	204585	63.382	ng		99
70) Pentachlorophenol	11.216	266	154682	67.572	ng		98
71) Phenanthrene	11.439	178	1046856	57.876	ng		100
72) Anthracene	11.492	178	1047208	57.725	ng		99
73) Carbazole	11.645	167	888984	58.138	ng		100
74) Di-n-butylphthalate	11.975	149	1064913	62.026	ng		100
75) Fluoranthene	12.627	202	943621	56.803	ng		99
77) Benzidine	12.745	184	184218	40.740	ng		100
78) Pyrene	12.857	202	935524	57.363	ng		99
80) Butylbenzylphthalate	13.474	149	322971	61.189	ng		99
81) Benzo(a)anthracene	14.039	228	770984	60.227	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	213516	61.186	ng		100
83) Chrysene	14.080	228	677816	58.903	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	462213	62.428	ng		100
85) Di-n-octyl phthalate	14.645	149	848910	72.395	ng		99
87) Indeno(1,2,3-cd)pyrene	17.027	276	964189	61.996	ng		100
88) Benzo(b)fluoranthene	15.098	252	748194	55.665	ng		99
89) Benzo(k)fluoranthene	15.127	252	719529	61.900	ng		99
90) Benzo(a)pyrene	15.468	252	699087	60.507	ng		99
91) Dibenzo(a,h)anthracene	17.051	278	790648	61.808	ng		100
92) Benzo(g,h,i)perylene	17.486	276	753387	61.139	ng		100

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

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