Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
Data File : BF143748.D
Acq On : 15 Sep 2025 12:49
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Sep 15 13:13:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.899	152	29333	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	108964	20.000	ng		0.00
39) Acenaphthene-d10	9.934	164	61007	20.000	ng		0.00
64) Phenanthrene-d10	11.428	188	98887	20.000	ng		0.02
76) Chrysene-d12	14.075	240	57586	20.000	ng		0.03
86) Perylene-d12	15.557	264	53631	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.505	112	141055	82.044	ng		0.00
7) Phenol-d6	6.516	99	168409	80.449	ng		0.01
23) Nitrobenzene-d5	7.457	82	140912	80.438	ng		0.00
42) 2,4,6-Tribromophenol	10.728	330	51261	83.377	ng		0.02
45) 2-Fluorobiphenyl	9.257	172	327081	80.990	ng		0.01
79) Terphenyl-d14	13.016	244	312575	87.961	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	32607	42.517	ng		94
3) Pyridine	3.446	79	86797	43.813	ng		95
4) n-Nitrosodimethylamine	3.399	42	30123	40.029	ng		95
6) Aniline	6.557	93	112118	40.438	ng		98
8) 2-Chlorophenol	6.681	128	74110	39.912	ng		94
9) Benzaldehyde	6.446	77	68166	40.359	ng		100
10) Phenol	6.534	94	99741	43.103	ng		98
11) bis(2-Chloroethyl)ether	6.634	93	69521	40.226	ng		96
12) 1,3-Dichlorobenzene	6.840	146	83225	39.190	ng		98
13) 1,4-Dichlorobenzene	6.916	146	85022	39.666	ng		98
14) 1,2-Dichlorobenzene	7.069	146	79288	39.171	ng		99
15) Benzyl Alcohol	7.034	79	60580	39.783	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	80446	35.579	ng		95
17) 2-Methylphenol	7.140	107	60931	40.792	ng		98
18) Hexachloroethane	7.410	117	27267	39.380	ng		100
19) n-Nitroso-di-n-propyla...	7.310	70	49880	38.797	ng		98
20) 3+4-Methylphenols	7.298	107	77330	39.314	ng	#	87
22) Acetophenone	7.304	105	101167	41.109	ng		99
24) Nitrobenzene	7.481	77	71779	39.516	ng		99
25) Isophorone	7.716	82	135898	40.456	ng		99
26) 2-Nitrophenol	7.793	139	35883	40.178	ng		100
27) 2,4-Dimethylphenol	7.828	122	62809	39.175	ng		98
28) bis(2-Chloroethoxy)met...	7.928	93	83485	40.441	ng		99
29) 2,4-Dichlorophenol	8.034	162	63636	39.457	ng		98
30) 1,2,4-Trichlorobenzene	8.122	180	67154	40.191	ng		99
31) Naphthalene	8.204	128	220665	40.909	ng		99
32) Benzoic acid	7.904	122	19070	19.496	ng		100
33) 4-Chloroaniline	8.245	127	76426	40.699	ng		98
34) Hexachlorobutadiene	8.316	225	43296	39.728	ng		100
35) Caprolactam	8.616	113	17886	41.668	ng	#	80
36) 4-Chloro-3-methylphenol	8.722	107	64363	40.474	ng		96
37) 2-Methylnaphthalene	8.893	142	147926	40.062	ng		100
38) 1-Methylnaphthalene	8.992	142	142312	40.161	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	69855	39.996	ng		99
41) Hexachlorocyclopentadiene	9.045	237	36476	40.680	ng		99
43) 2,4,6-Trichlorophenol	9.169	196	48747	41.798	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	47751	40.276	ng		100
46) 1,1'-Biphenyl	9.357	154	179396	40.846	ng		99
47) 2-Chloronaphthalene	9.381	162	140890	40.919	ng		99
48) 2-Nitroaniline	9.475	65	36036	39.548	ng		98
49) Acenaphthylene	9.798	152	200379	40.627	ng		99
50) Dimethylphthalate	9.651	163	159330	40.141	ng		99
51) 2,6-Dinitrotoluene	9.716	165	31700	41.770	ng		95
52) Acenaphthene	9.969	154	136856	40.267	ng		100
53) 3-Nitroaniline	9.887	138	33303	40.777	ng		97
54) 2,4-Dinitrophenol	9.987	184	11509	31.812	ng	#	74
55) Dibenzofuran	10.145	168	198970	40.713	ng		96
56) 4-Nitrophenol	10.034	139	27251	41.940	ng		97
57) 2,4-Dinitrotoluene	10.122	165	44120	42.715	ng		95
58) Fluorene	10.487	166	158182	41.349	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	39044	40.614	ng	#	99
60) Diethylphthalate	10.357	149	150741	40.451	ng		99
61) 4-Chlorophenyl-phenyle...	10.481	204	80099	41.284	ng		98
62) 4-Nitroaniline	10.504	138	33656	43.510	ng		98
63) Azobenzene	10.639	77	133452	40.508	ng		98
65) 4,6-Dinitro-2-methylph...	10.528	198	19418	38.568	ng		98
66) n-Nitrosodiphenylamine	10.598	169	131417	40.567	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	47491	39.825	ng		97
68) Hexachlorobenzene	11.034	284	50937	40.454	ng		97
69) Atrazine	11.122	200	41035	40.399	ng		99
70) Pentachlorophenol	11.228	266	28601	37.576	ng		95
71) Phenanthrene	11.451	178	221914	40.729	ng		99
72) Anthracene	11.504	178	225427	41.147	ng		99
73) Carbazole	11.657	167	190885	42.544	ng		100
74) Di-n-butylphthalate	11.986	149	225935	41.827	ng		100
75) Fluoranthene	12.639	202	202611	40.508	ng		98
77) Benzidine	12.763	184	69691	37.112	ng		99
78) Pyrene	12.875	202	207642	45.098	ng		100
80) Butylbenzylphthalate	13.486	149	65271	45.245	ng		98
81) Benzo(a)anthracene	14.063	228	153012	41.302	ng		98
82) 3,3'-Dichlorobenzidine	14.022	252	41610	36.508	ng		98
83) Chrysene	14.098	228	133999	39.492	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	81465	39.579	ng		97
85) Di-n-octyl phthalate	14.663	149	124732	33.817	ng		99
87) Indeno(1,2,3-cd)pyrene	17.063	276	155299	42.429	ng		98
88) Benzo(b)fluoranthene	15.116	252	131172	41.087	ng		99
89) Benzo(k)fluoranthene	15.151	252	116589	40.464	ng		99
90) Benzo(a)pyrene	15.492	252	113699	40.538	ng		99
91) Dibenzo(a,h)anthracene	17.080	278	128850	42.430	ng		99
92) Benzo(g,h,i)perylene	17.521	276	122444	43.107	ng		98

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

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