Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091525\
Data File : BF143750.D
Acq On : 15 Sep 2025 13:49
Operator : RC/JU
Sample : PB169679BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169679BS

Quant Time: Sep 15 14:13:17 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	6.893	152	22918	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	90445	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	51473	20.000	ng		0.01
64) Phenanthrene-d10	11.428	188	83222	20.000	ng		0.02
76) Chrysene-d12	14.069	240	47336	20.000	ng		0.02
86) Perylene-d12	15.551	264	41156	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	186537	138.868	ng		0.02
7) Phenol-d6	6.522	99	223855	136.867	ng		0.02
23) Nitrobenzene-d5	7.457	82	127501	87.685	ng		0.00
42) 2,4,6-Tribromophenol	10.728	330	72608	139.972	ng		0.02
45) 2-Fluorobiphenyl	9.257	172	294641	86.470	ng		0.01
79) Terphenyl-d14	13.016	244	300955	103.030	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	24868	41.503	ng		92
3) Pyridine	3.540	79	64937	41.954	ng		93
4) n-Nitrosodimethylamine	3.493	42	28665	48.753	ng		96
6) Aniline	6.557	93	83295	38.451	ng		96
8) 2-Chlorophenol	6.681	128	69951	48.217	ng		94
9) Benzaldehyde	6.446	77	42550	32.244	ng		99
10) Phenol	6.534	94	91998	50.885	ng		97
11) bis(2-Chloroethyl)ether	6.628	93	63674	47.156	ng		96
12) 1,3-Dichlorobenzene	6.834	146	78145	47.098	ng		99
13) 1,4-Dichlorobenzene	6.910	146	79517	47.481	ng		99
14) 1,2-Dichlorobenzene	7.063	146	76365	48.287	ng		98
15) Benzyl Alcohol	7.034	79	57772	48.559	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	72210	40.876	ng		92
17) 2-Methylphenol	7.140	107	59034	50.584	ng		98
18) Hexachloroethane	7.410	117	25284	46.737	ng		98
19) n-Nitroso-di-n-propyla...	7.310	70	48272	48.056	ng		96
20) 3+4-Methylphenols	7.298	107	75920	49.401	ng	#	81
22) Acetophenone	7.304	105	108385	53.059	ng		99
24) Nitrobenzene	7.475	77	67855	45.005	ng		97
25) Isophorone	7.716	82	128916	46.235	ng		100
26) 2-Nitrophenol	7.792	139	35879	48.400	ng		97
27) 2,4-Dimethylphenol	7.828	122	66110	49.677	ng		96
28) bis(2-Chloroethoxy)met...	7.922	93	80162	46.782	ng		99
29) 2,4-Dichlorophenol	8.034	162	61692	46.084	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	67195	48.450	ng		98
31) Naphthalene	8.198	128	206047	46.020	ng		99
32) Benzoic acid	7.922	122	24003	29.564	ng		100
33) 4-Chloroaniline	8.245	127	37785	24.242	ng		99
34) Hexachlorobutadiene	8.316	225	40098	44.327	ng		98
35) Caprolactam	8.616	113	18280m	51.306	ng		
36) 4-Chloro-3-methylphenol	8.728	107	61158	46.333	ng		95
37) 2-Methylnaphthalene	8.892	142	128363	41.882	ng		100
38) 1-Methylnaphthalene	8.992	142	128754	43.774	ng		100
40) 1,2,4,5-Tetrachloroben...	9.057	216	74356	50.459	ng		98
41) Hexachlorocyclopentadiene	9.045	237	95515	126.253	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	47154	47.922	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	46160	46.145	ng		99
46) 1,1'-Biphenyl	9.357	154	193749	52.285	ng		99
47) 2-Chloronaphthalene	9.381	162	133143	45.831	ng		98
48) 2-Nitroaniline	9.475	65	36072	46.920	ng		99
49) Acenaphthylene	9.798	152	219778	52.814	ng		100
50) Dimethylphthalate	9.663	163	157618	47.064	ng		99
51) 2,6-Dinitrotoluene	9.722	165	33076	51.656	ng		91
52) Acenaphthene	9.975	154	135266	47.171	ng		100
53) 3-Nitroaniline	9.886	138	21936	31.834	ng		98
54) 2,4-Dinitrophenol	9.992	184	28611	82.843	ng	#	43
55) Dibenzofuran	10.145	168	193271	46.872	ng		96
56) 4-Nitrophenol	10.045	139	56347	102.782	ng		94
57) 2,4-Dinitrotoluene	10.122	165	45443	52.145	ng		99
58) Fluorene	10.486	166	154609	47.900	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	40533	49.972	ng		99
60) Diethylphthalate	10.363	149	147358	46.868	ng		99
61) 4-Chlorophenyl-phenyle...	10.481	204	75434	46.082	ng		98
62) 4-Nitroaniline	10.504	138	34087	52.229	ng		97
63) Azobenzene	10.639	77	128868	46.362	ng		99
65) 4,6-Dinitro-2-methylph...	10.533	198	21661	51.122	ng		93
66) n-Nitrosodiphenylamine	10.598	169	131563	48.256	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	46874	46.707	ng		97
68) Hexachlorobenzene	11.033	284	49750	46.948	ng		98
69) Atrazine	11.128	200	42368	49.563	ng		99
70) Pentachlorophenol	11.228	266	57490	89.747	ng		98
71) Phenanthrene	11.451	178	217248	47.378	ng		99
72) Anthracene	11.504	178	223035	48.374	ng		99
73) Carbazole	11.657	167	188173	49.834	ng		99
74) Di-n-butylphthalate	11.986	149	226299	49.780	ng		99
75) Fluoranthene	12.639	202	207188	49.220	ng		98
77) Benzidine	12.763	184	72984	47.281	ng		99
78) Pyrene	12.874	202	204099	53.927	ng		99
80) Butylbenzylphthalate	13.486	149	67866	57.231	ng		98
81) Benzo(a)anthracene	14.063	228	155504	51.063	ng		98
82) 3,3'-Dichlorobenzidine	14.021	252	22668	24.195	ng		99
83) Chrysene	14.098	228	131126	47.013	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	86498	51.123	ng		99
85) Di-n-octyl phthalate	14.663	149	120819	39.848	ng		100
87) Indeno(1,2,3-cd)pyrene	17.062	276	137552	48.971	ng		98
88) Benzo(b)fluoranthene	15.116	252	124297	50.735	ng		98
89) Benzo(k)fluoranthene	15.145	252	108452	49.049	ng		99
90) Benzo(a)pyrene	15.492	252	109644	50.942	ng		99
91) Dibenzo(a,h)anthracene	17.080	278	114457	49.115	ng		99
92) Benzo(g,h,i)perylene	17.515	276	110123	50.521	ng		98

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

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