Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
Data File : BF143855.D
Acq On : 02 Oct 2025 15:11
Operator : RC/JU
Sample : PB169953BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169953BS

Quant Time: Oct 02 16:32:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	132660	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	477613	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	238357	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	352292	20.000	ng		0.00
76) Chrysene-d12	14.057	240	355233	20.000	ng		0.00
86) Perylene-d12	15.533	264	574873	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	905298	110.873	ng		0.00
7) Phenol-d6	6.510	99	1057250	112.064	ng		0.00
23) Nitrobenzene-d5	7.445	82	671661	86.081	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	367077	104.010	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1289750	84.438	ng		0.00
79) Terphenyl-d14	12.998	244	1598608	91.522	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	144223	36.903	ng		98
3) Pyridine	3.487	79	408882	38.758	ng		92
4) n-Nitrosodimethylamine	3.434	42	222270	42.019	ng		89
6) Aniline	6.546	93	473453	34.577	ng		100
8) 2-Chlorophenol	6.669	128	361151	43.205	ng		99
9) Benzaldehyde	6.434	77	223585	27.063	ng		98
10) Phenol	6.522	94	469893	42.850	ng		97
11) bis(2-Chloroethyl)ether	6.622	93	358965	41.759	ng		98
12) 1,3-Dichlorobenzene	6.828	146	416736	42.939	ng		97
13) 1,4-Dichlorobenzene	6.904	146	423908	43.767	ng		99
14) 1,2-Dichlorobenzene	7.057	146	407283	44.399	ng		99
15) Benzyl Alcohol	7.022	79	316511	46.430	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	783647	38.446	ng		97
17) 2-Methylphenol	7.134	107	284381	43.943	ng		99
18) Hexachloroethane	7.398	117	145536	42.727	ng		95
19) n-Nitroso-di-n-propyla...	7.298	70	256999	42.362	ng		91
20) 3+4-Methylphenols	7.287	107	333165	42.274	ng	#	79
22) Acetophenone	7.293	105	505321	48.171	ng		97
24) Nitrobenzene	7.469	77	389590	45.046	ng		96
25) Isophorone	7.704	82	696722	45.822	ng		99
26) 2-Nitrophenol	7.781	139	178148	50.050	ng		97
27) 2,4-Dimethylphenol	7.816	122	325295	47.866	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	426731	43.198	ng		99
29) 2,4-Dichlorophenol	8.022	162	299564	44.798	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	334316	48.175	ng		100
31) Naphthalene	8.193	128	995535	43.542	ng		100
32) Benzoic acid	7.922	122	194641	59.361	ng		97
33) 4-Chloroaniline	8.234	127	217802	27.107	ng		98
34) Hexachlorobutadiene	8.304	225	243514	47.071	ng		99
35) Caprolactam	8.598	113	86084	50.365	ng	#	87
36) 4-Chloro-3-methylphenol	8.710	107	287211	45.796	ng		97
37) 2-Methylnaphthalene	8.881	142	590095	40.475	ng		99
38) 1-Methylnaphthalene	8.981	142	602257	43.158	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	356094	49.504	ng		99
41) Hexachlorocyclopentadiene	9.034	237	514059	112.761	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	215365	47.815	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	223754	47.494	ng		99
46) 1,1'-Biphenyl	9.345	154	839915	48.680	ng		99
47) 2-Chloronaphthalene	9.369	162	611384	44.021	ng		100
48) 2-Nitroaniline	9.463	65	219806	52.364	ng		99
49) Acenaphthylene	9.787	152	965232	50.484	ng		100
50) Dimethylphthalate	9.645	163	662888	45.629	ng		100
51) 2,6-Dinitrotoluene	9.704	165	140025	58.663	ng		96
52) Acenaphthene	9.957	154	587128	46.664	ng		100
53) 3-Nitroaniline	9.875	138	101558	35.102	ng		98
54) 2,4-Dinitrophenol	9.981	184	107395	94.393	ng	#	19
55) Dibenzofuran	10.134	168	802245	45.090	ng		98
56) 4-Nitrophenol	10.028	139	200464	85.981	ng		92
57) 2,4-Dinitrotoluene	10.110	165	178413	50.215	ng		94
58) Fluorene	10.475	166	591871	44.747	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	221046	54.769	ng		96
60) Diethylphthalate	10.345	149	610835	44.916	ng		100
61) 4-Chlorophenyl-phenyle...	10.463	204	306013	45.406	ng		98
62) 4-Nitroaniline	10.486	138	130116	47.829	ng		99
63) Azobenzene	10.628	77	627301	43.768	ng		96
65) 4,6-Dinitro-2-methylph...	10.516	198	77855	57.179	ng		84
66) n-Nitrosodiphenylamine	10.581	169	552464	47.685	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	299372	49.865	ng		99
68) Hexachlorobenzene	11.022	284	418057	50.529	ng		98
69) Atrazine	11.110	200	165856	49.435	ng		98
70) Pentachlorophenol	11.216	266	421274	102.290	ng		100
71) Phenanthrene	11.439	178	825423	45.637	ng		100
72) Anthracene	11.492	178	841805	46.400	ng		99
73) Carbazole	11.645	167	723940	45.639	ng		99
74) Di-n-butylphthalate	11.975	149	820467	44.975	ng		100
75) Fluoranthene	12.628	202	812325	44.655	ng		99
77) Benzidine	12.751	184	295898	34.183	ng		98
78) Pyrene	12.857	202	823750	47.166	ng		99
80) Butylbenzylphthalate	13.475	149	296337	49.044	ng		97
81) Benzo(a)anthracene	14.045	228	861449	45.140	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	288912	34.946	ng		100
83) Chrysene	14.086	228	834639	48.334	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	397949	44.932	ng		99
85) Di-n-octyl phthalate	14.651	149	730007	45.439	ng		95
87) Indeno(1,2,3-cd)pyrene	17.039	276	2183879	50.068	ng		98
88) Benzo(b)fluoranthene	15.104	252	1322818	45.185	ng		100
89) Benzo(k)fluoranthene	15.133	252	1336071	45.426	ng		99
90) Benzo(a)pyrene	15.474	252	1349100	49.026	ng		99
91) Dibenzo(a,h)anthracene	17.057	278	1765804	49.496	ng		99
92) Benzo(g,h,i)perylene	17.492	276	1795382	52.206	ng		99

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

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