Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120425\
Data File : BF144428.D
Acq On : 04 Dec 2025 13:59
Operator : RC/JU
Sample : PB170823BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170823BS

Quant Time: Dec 04 14:18:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	45585	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	171659	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	85775	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	129624	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	98469	20.000	ng		0.00
86) Perylene-d12	15.527	264	130752	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	337993	116.029	ng		0.00
7) Phenol-d6	6.498	99	373277	113.091	ng		0.00
23) Nitrobenzene-d5	7.428	82	234243	78.811	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	112006	104.058	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	484915	83.496	ng		0.00
79) Terphenyl-d14	12.980	244	414241	66.821	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	49728	41.291	ng		99
3) Pyridine	3.446	79	121707	36.223	ng		97
4) n-Nitrosodimethylamine	3.387	42	74748	42.590	ng		95
6) Aniline	6.528	93	139729	29.713	ng	#	87
8) 2-Chlorophenol	6.651	128	123148	43.108	ng		98
9) Benzaldehyde	6.416	77	65619	35.207	ng		99
10) Phenol	6.516	94	164044	40.678	ng		84
11) bis(2-Chloroethyl)ether	6.598	93	126498	43.048	ng		99
12) 1,3-Dichlorobenzene	6.804	146	151024	42.842	ng		98
13) 1,4-Dichlorobenzene	6.881	146	155435	44.012	ng		99
14) 1,2-Dichlorobenzene	7.034	146	148713	43.933	ng		97
15) Benzyl Alcohol	7.004	79	110526	42.289	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	225915	41.749	ng		88
17) 2-Methylphenol	7.122	107	97113	42.731	ng		96
18) Hexachloroethane	7.369	117	49984	42.600	ng		97
19) n-Nitroso-di-n-propyla...	7.269	70	88335	40.654	ng		97
20) 3+4-Methylphenols	7.275	107	113369	42.317	ng	#	86
22) Acetophenone	7.269	105	173523	47.121	ng		99
24) Nitrobenzene	7.445	77	135695	42.049	ng		98
25) Isophorone	7.681	82	235502	41.890	ng		99
26) 2-Nitrophenol	7.763	139	68031	42.587	ng		97
27) 2,4-Dimethylphenol	7.798	122	111225	46.453	ng		100
28) bis(2-Chloroethoxy)met...	7.892	93	147231	41.938	ng		97
29) 2,4-Dichlorophenol	8.004	162	112716	40.844	ng		99
30) 1,2,4-Trichlorobenzene	8.086	180	122199	43.123	ng		95
31) Naphthalene	8.169	128	341163	41.780	ng		99
32) Benzoic acid	7.922	122	71320	40.636	ng		96
33) 4-Chloroaniline	8.216	127	67651	22.716	ng		99
34) Hexachlorobutadiene	8.281	225	85174	39.882	ng		98
35) Caprolactam	8.586	113	28341	37.485	ng		96
36) 4-Chloro-3-methylphenol	8.704	107	95830	38.747	ng		99
37) 2-Methylnaphthalene	8.857	142	202921	37.168	ng		99
38) 1-Methylnaphthalene	8.957	142	205397	38.991	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	135924	48.352	ng		100
41) Hexachlorocyclopentadiene	9.010	237	75261	71.589	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	79287	41.440	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	83331	40.411	ng		98
46) 1,1'-Biphenyl	9.322	154	289608	48.370	ng		98
47) 2-Chloronaphthalene	9.351	162	223205	43.703	ng		99
48) 2-Nitroaniline	9.445	65	64171	43.546	ng		100
49) Acenaphthylene	9.763	152	337415	48.480	ng		99
50) Dimethylphthalate	9.622	163	236772	41.667	ng		99
51) 2,6-Dinitrotoluene	9.686	165	50865	44.219	ng		94
52) Acenaphthene	9.933	154	185187	39.790	ng		100
53) 3-Nitroaniline	9.863	138	36006	28.634	ng		99
54) 2,4-Dinitrophenol	9.975	184	46075	66.331	ng		94
55) Dibenzofuran	10.110	168	273180	41.910	ng		99
56) 4-Nitrophenol	10.033	139	49092	53.971	ng		98
57) 2,4-Dinitrotoluene	10.092	165	62962	40.887	ng		95
58) Fluorene	10.451	166	206035	41.573	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.233	232	60616	41.548	ng	#	99
60) Diethylphthalate	10.322	149	205355	39.202	ng		100
61) 4-Chlorophenyl-phenyle...	10.439	204	113341	40.149	ng		99
62) 4-Nitroaniline	10.475	138	42483	35.476	ng		94
63) Azobenzene	10.604	77	200654	41.158	ng		96
65) 4,6-Dinitro-2-methylph...	10.510	198	34209	38.848	ng		95
66) n-Nitrosodiphenylamine	10.563	169	196469	47.126	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	71654	43.308	ng		100
68) Hexachlorobenzene	11.004	284	85456	43.850	ng		94
69) Atrazine	11.086	200	55464	41.833	ng		99
70) Pentachlorophenol	11.204	266	69681	71.804	ng		98
71) Phenanthrene	11.416	178	285375	44.218	ng		100
72) Anthracene	11.469	178	283135	43.145	ng		99
73) Carbazole	11.627	167	237642	42.586	ng		98
74) Di-n-butylphthalate	11.951	149	267557	39.662	ng		98
75) Fluoranthene	12.610	202	279233	41.884	ng		99
77) Benzidine	12.739	184	57861	19.865	ng		99
78) Pyrene	12.839	202	285762	35.993	ng		99
80) Butylbenzylphthalate	13.451	149	102556	37.270	ng		98
81) Benzo(a)anthracene	14.033	228	294104	43.094	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	84287	36.031	ng		97
83) Chrysene	14.068	228	274331	43.544	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	141564	37.581	ng		98
85) Di-n-octyl phthalate	14.627	149	268601	41.328	ng		100
87) Indeno(1,2,3-cd)pyrene	17.033	276	406955	43.358	ng		99
88) Benzo(b)fluoranthene	15.092	252	332732	44.761	ng		99
89) Benzo(k)fluoranthene	15.121	252	332921	47.849	ng		98
90) Benzo(a)pyrene	15.462	252	335262	48.888	ng		99
91) Dibenzo(a,h)anthracene	17.045	278	331955	44.038	ng		100
92) Benzo(g,h,i)perylene	17.486	276	334996	45.004	ng		100

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

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