Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144384.D
Acq On : 01 Dec 2025 13:42
Operator : RC/JU
Sample : PB170749BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170749BS

Quant Time: Dec 01 14:10:39 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	59295	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	231153	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	124678	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	198008	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	136973	20.000	ng		0.00
86) Perylene-d12	15.527	264	157471	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	437630	115.496	ng		0.00
7) Phenol-d6	6.504	99	493447	114.932	ng		0.00
23) Nitrobenzene-d5	7.428	82	310851	77.668	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	171314	109.496	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	655245	77.620	ng		0.00
79) Terphenyl-d14	12.980	244	623045	72.251	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	61026	38.956	ng		98
3) Pyridine	3.446	79	154384	35.324	ng		95
4) n-Nitrosodimethylamine	3.387	42	94001	41.176	ng		86
6) Aniline	6.528	93	190840	31.198	ng	#	86
8) 2-Chlorophenol	6.651	128	161672	43.508	ng		98
9) Benzaldehyde	6.416	77	109493	45.163	ng		98
10) Phenol	6.516	94	219587	41.861	ng		89
11) bis(2-Chloroethyl)ether	6.598	93	171087	44.760	ng		99
12) 1,3-Dichlorobenzene	6.804	146	190915	41.636	ng		99
13) 1,4-Dichlorobenzene	6.881	146	199135	43.349	ng		99
14) 1,2-Dichlorobenzene	7.034	146	189739	43.092	ng		98
15) Benzyl Alcohol	7.010	79	146415	43.068	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	321154	45.626	ng		88
17) 2-Methylphenol	7.122	107	127669	43.187	ng		97
18) Hexachloroethane	7.375	117	64315	42.141	ng		99
19) n-Nitroso-di-n-propyla...	7.275	70	118179	41.813	ng		98
20) 3+4-Methylphenols	7.275	107	146265	41.972	ng		92
22) Acetophenone	7.275	105	228039	45.987	ng		100
24) Nitrobenzene	7.445	77	181209	41.700	ng		99
25) Isophorone	7.687	82	321758	42.502	ng		98
26) 2-Nitrophenol	7.763	139	95524	44.406	ng		96
27) 2,4-Dimethylphenol	7.798	122	151414	46.962	ng		98
28) bis(2-Chloroethoxy)met...	7.892	93	205537	43.477	ng		97
29) 2,4-Dichlorophenol	8.010	162	152532	41.046	ng		99
30) 1,2,4-Trichlorobenzene	8.087	180	160692	42.111	ng		99
31) Naphthalene	8.169	128	459081	41.751	ng		99
32) Benzoic acid	7.934	122	111379	47.127	ng		94
33) 4-Chloroaniline	8.216	127	106887	26.653	ng		98
34) Hexachlorobutadiene	8.281	225	111025	38.606	ng		98
35) Caprolactam	8.586	113	44393	43.604	ng		97
36) 4-Chloro-3-methylphenol	8.704	107	138990	41.734	ng		99
37) 2-Methylnaphthalene	8.857	142	276640	37.630	ng		100
38) 1-Methylnaphthalene	8.957	142	285102	40.192	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	184862	45.242	ng		99
41) Hexachlorocyclopentadiene	9.010	237	113124	73.343	ng		97
43) 2,4,6-Trichlorophenol	9.139	196	113696	40.882	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	120352	40.153	ng		99
46) 1,1'-Biphenyl	9.322	154	401018	46.079	ng		99
47) 2-Chloronaphthalene	9.351	162	307589	41.434	ng		99
48) 2-Nitroaniline	9.451	65	92190	43.040	ng		93
49) Acenaphthylene	9.769	152	474191	46.873	ng		100
50) Dimethylphthalate	9.622	163	354634	42.936	ng		100
51) 2,6-Dinitrotoluene	9.692	165	74379	44.484	ng		92
52) Acenaphthene	9.939	154	256834	37.965	ng		99
53) 3-Nitroaniline	9.863	138	55625	30.433	ng		99
54) 2,4-Dinitrophenol	9.975	184	78483	77.732	ng		96
55) Dibenzofuran	10.110	168	389950	41.157	ng		98
56) 4-Nitrophenol	10.033	139	88611	67.020	ng		96
57) 2,4-Dinitrotoluene	10.098	165	94355	42.154	ng		96
58) Fluorene	10.457	166	304433	42.261	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	93109	43.906	ng		97
60) Diethylphthalate	10.322	149	308644	40.536	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	165067	40.227	ng		99
62) 4-Nitroaniline	10.475	138	67825	38.966	ng		92
63) Azobenzene	10.604	77	307399	43.379	ng		97
65) 4,6-Dinitro-2-methylph...	10.510	198	55474	41.240	ng		97
66) n-Nitrosodiphenylamine	10.563	169	288109	45.240	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	104978	41.536	ng		98
68) Hexachlorobenzene	11.004	284	128552	43.183	ng		97
69) Atrazine	11.092	200	87475	43.191	ng		99
70) Pentachlorophenol	11.204	266	122189	82.427	ng		98
71) Phenanthrene	11.422	178	424418	43.051	ng		99
72) Anthracene	11.475	178	426351	42.531	ng		99
73) Carbazole	11.627	167	362984	42.583	ng		100
74) Di-n-butylphthalate	11.951	149	437999	42.505	ng		99
75) Fluoranthene	12.616	202	433126	42.531	ng		98
77) Benzidine	12.733	184	69330	17.112	ng		98
78) Pyrene	12.845	202	436534	39.527	ng		99
80) Butylbenzylphthalate	13.457	149	165549	43.250	ng		98
81) Benzo(a)anthracene	14.033	228	431575	45.461	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	121871	37.452	ng		95
83) Chrysene	14.074	228	374964	42.787	ng		99
84) Bis(2-ethylhexyl)phtha...	14.016	149	236665	45.166	ng		99
85) Di-n-octyl phthalate	14.627	149	426006	47.121	ng	#	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	528187	46.726	ng		97
88) Benzo(b)fluoranthene	15.098	252	456943	51.041	ng		99
89) Benzo(k)fluoranthene	15.127	252	425071	50.727	ng		99
90) Benzo(a)pyrene	15.468	252	430060	52.071	ng		97
91) Dibenzo(a,h)anthracene	17.051	278	438458	48.298	ng		99
92) Benzo(g,h,i)perylene	17.498	276	445844	49.732	ng		97

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

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