Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144386.D
Acq On : 01 Dec 2025 14:40
Operator : RC/JU
Sample : PB170763BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170763BS

Quant Time: Dec 01 15:19:46 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	56637	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	215029	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	112964	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	172015	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	126792	20.000	ng		0.00
86) Perylene-d12	15.527	264	157195	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	407223	112.515	ng		0.00
7) Phenol-d6	6.498	99	459827	112.128	ng		0.00
23) Nitrobenzene-d5	7.428	82	290982	78.155	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	147933	104.357	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	608225	79.522	ng		0.00
79) Terphenyl-d14	12.980	244	554561	69.473	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	58166	38.873	ng		97
3) Pyridine	3.446	79	146839	35.175	ng		99
4) n-Nitrosodimethylamine	3.387	42	88674	40.666	ng		88
6) Aniline	6.528	93	174476	29.862	ng	#	88
8) 2-Chlorophenol	6.651	128	149533	42.129	ng		98
9) Benzaldehyde	6.416	77	92494	39.942	ng		98
10) Phenol	6.516	94	204930	40.900	ng		88
11) bis(2-Chloroethyl)ether	6.598	93	154676	42.366	ng		98
12) 1,3-Dichlorobenzene	6.804	146	183216	41.832	ng		97
13) 1,4-Dichlorobenzene	6.881	146	186437	42.489	ng		98
14) 1,2-Dichlorobenzene	7.034	146	176013	41.851	ng		98
15) Benzyl Alcohol	7.004	79	137467	42.333	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	297869	44.304	ng		91
17) 2-Methylphenol	7.122	107	118328	41.906	ng		97
18) Hexachloroethane	7.375	117	59928	41.109	ng		98
19) n-Nitroso-di-n-propyla...	7.275	70	107903	39.969	ng		97
20) 3+4-Methylphenols	7.275	107	137636	41.350	ng	#	90
22) Acetophenone	7.275	105	212623	46.094	ng		99
24) Nitrobenzene	7.445	77	170386	42.149	ng		99
25) Isophorone	7.687	82	298440	42.378	ng		98
26) 2-Nitrophenol	7.763	139	86378	43.166	ng		95
27) 2,4-Dimethylphenol	7.798	122	138962	46.332	ng		98
28) bis(2-Chloroethoxy)met...	7.892	93	190516	43.322	ng		97
29) 2,4-Dichlorophenol	8.004	162	140533	40.653	ng		99
30) 1,2,4-Trichlorobenzene	8.087	180	152920	43.080	ng		95
31) Naphthalene	8.169	128	425410	41.590	ng		99
32) Benzoic acid	7.928	122	96806	44.032	ng		93
33) 4-Chloroaniline	8.216	127	91460	24.516	ng		97
34) Hexachlorobutadiene	8.281	225	102044	38.144	ng		97
35) Caprolactam	8.586	113	38486	40.637	ng		97
36) 4-Chloro-3-methylphenol	8.704	107	123985	40.020	ng		97
37) 2-Methylnaphthalene	8.857	142	259698	37.974	ng		100
38) 1-Methylnaphthalene	8.957	142	260730	39.512	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	173766	46.936	ng		99
41) Hexachlorocyclopentadiene	9.010	237	104969	74.614	ng		98
43) 2,4,6-Trichlorophenol	9.139	196	104210	41.357	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	107968	39.756	ng	99
46) 1,1'-Biphenyl	9.322	154	371956	47.171	ng	100
47) 2-Chloronaphthalene	9.351	162	282974	42.070	ng	100
48) 2-Nitroaniline	9.445	65	83017	42.776	ng	99
49) Acenaphthylene	9.763	152	437028	47.679	ng	99
50) Dimethylphthalate	9.622	163	313971	41.954	ng	99
51) 2,6-Dinitrotoluene	9.686	165	65786	43.425	ng	96
52) Acenaphthene	9.939	154	232690	37.963	ng	98
53) 3-Nitroaniline	9.863	138	49130	29.667	ng	95
54) 2,4-Dinitrophenol	9.975	184	65990	72.136	ng	98
55) Dibenzofuran	10.110	168	352656	41.081	ng	98
56) 4-Nitrophenol	10.033	139	73968	61.747	ng	93
57) 2,4-Dinitrotoluene	10.098	165	86358	42.582	ng	98
58) Fluorene	10.451	166	272873	41.808	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	79071	41.152	ng	99
60) Diethylphthalate	10.322	149	278032	40.302	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	148145	39.847	ng	99
62) 4-Nitroaniline	10.475	138	58689	37.213	ng	91
63) Azobenzene	10.604	77	272308	42.412	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	48110	41.170	ng	97
66) n-Nitrosodiphenylamine	10.563	169	255574	46.195	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	95671	43.574	ng	99
68) Hexachlorobenzene	11.004	284	112762	43.603	ng	97
69) Atrazine	11.092	200	76387	43.415	ng	99
70) Pentachlorophenol	11.204	266	100446	77.998	ng	99
71) Phenanthrene	11.422	178	370963	43.315	ng	100
72) Anthracene	11.469	178	375519	43.121	ng	99
73) Carbazole	11.627	167	315715	42.634	ng	99
74) Di-n-butylphthalate	11.951	149	379255	42.365	ng	99
75) Fluoranthene	12.610	202	368758	41.682	ng	98
77) Benzidine	12.733	184	70745	18.863	ng	97
78) Pyrene	12.839	202	379480	37.120	ng	99
80) Butylbenzylphthalate	13.457	149	147754	41.701	ng	96
81) Benzo(a)anthracene	14.033	228	379990	43.241	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	109988	36.514	ng	97
83) Chrysene	14.074	228	359650	44.335	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	216042	44.541	ng	100
85) Di-n-octyl phthalate	14.627	149	405801	48.491	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	502518	44.533	ng	97
88) Benzo(b)fluoranthene	15.092	252	454177	50.821	ng	99
89) Benzo(k)fluoranthene	15.121	252	386995	46.264	ng	100
90) Benzo(a)pyrene	15.468	252	407948	49.481	ng	96
91) Dibenzo(a,h)anthracene	17.051	278	415433	45.842	ng	98
92) Benzo(g,h,i)perylene	17.492	276	419604	46.888	ng	99

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

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