Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144245.D
Acq On : 13 Nov 2025 15:55
Operator : RC/JU
Sample : PB170473BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 13 16:15:27 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

Instrument :
BNA_F
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay
11/14/2025
Supervised By :Sohil Sodhani
11/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	61443	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	243453	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	140132	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	236951	20.000	ng		0.00
76) Chrysene-d12	14.045	240	118377	20.000	ng		0.00
86) Perylene-d12	15.527	264	157737	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	467740	119.127	ng		0.00
7) Phenol-d6	6.504	99	533527	119.923	ng		0.00
23) Nitrobenzene-d5	7.434	82	350581	83.169	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	216265	122.983	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	729154	76.850	ng		0.00
79) Terphenyl-d14	12.986	244	719166	96.499	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	62578	38.550	ng		98
3) Pyridine	3.463	79	179124	39.552	ng		99
4) n-Nitrosodimethylamine	3.410	42	114179	48.267	ng		97
6) Aniline	6.528	93	207544	32.743	ng	#	81
8) 2-Chlorophenol	6.651	128	167897	43.603	ng		98
9) Benzaldehyde	6.416	77	102064	40.627	ng		93
10) Phenol	6.516	94	229486	42.219	ng		90
11) bis(2-Chloroethyl)ether	6.604	93	172855	43.642	ng		97
12) 1,3-Dichlorobenzene	6.810	146	208708	43.925	ng		97
13) 1,4-Dichlorobenzene	6.887	146	207397	43.569	ng		99
14) 1,2-Dichlorobenzene	7.034	146	196374	43.040	ng		99
15) Benzyl Alcohol	7.010	79	163209	46.329	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	327138	44.852	ng		98
17) 2-Methylphenol	7.122	107	133634	43.625	ng		97
18) Hexachloroethane	7.375	117	69026	43.646	ng		96
19) n-Nitroso-di-n-propyla...	7.281	70	129284	44.143	ng		94
20) 3+4-Methylphenols	7.275	107	155390	43.032	ng		96
22) Acetophenone	7.275	105	223896	42.871	ng		93
24) Nitrobenzene	7.451	77	195475	42.710	ng		100
25) Isophorone	7.687	82	353672	44.357	ng		100
26) 2-Nitrophenol	7.769	139	101091	44.620	ng		99
27) 2,4-Dimethylphenol	7.804	122	164286	48.380	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	214693	43.120	ng		98
29) 2,4-Dichlorophenol	8.010	162	159690	40.801	ng		98
30) 1,2,4-Trichlorobenzene	8.087	180	175763	43.734	ng		95
31) Naphthalene	8.169	128	482201	41.638	ng		99
32) Benzoic acid	7.934	122	106932	42.959	ng		98
33) 4-Chloroaniline	8.222	127	69710	16.504	ng		100
34) Hexachlorobutadiene	8.287	225	121656	40.166	ng		96
35) Caprolactam	8.592	113	49172m	45.858	ng		
36) 4-Chloro-3-methylphenol	8.704	107	155296	44.274	ng		98
37) 2-Methylnaphthalene	8.863	142	302563	39.076	ng		99
38) 1-Methylnaphthalene	8.963	142	302350	40.470	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	184203	40.109	ng		98
41) Hexachlorocyclopentadiene	9.016	237	185990	96.064	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	128539	41.122	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	137095	40.694	ng	100
46) 1,1'-Biphenyl	9.328	154	413905	42.315	ng	98
47) 2-Chloronaphthalene	9.351	162	337950	40.503	ng	99
48) 2-Nitroaniline	9.451	65	108163	44.928	ng	99
49) Acenaphthylene	9.769	152	533014	46.877	ng	100
50) Dimethylphthalate	9.628	163	405560	43.686	ng	99
51) 2,6-Dinitrotoluene	9.692	165	87661	46.646	ng	98
52) Acenaphthene	9.939	154	286244	37.646	ng	97
53) 3-Nitroaniline	9.863	138	53453	26.020	ng	98
54) 2,4-Dinitrophenol	9.975	184	105620	93.073	ng	95
55) Dibenzofuran	10.116	168	430177	40.396	ng	97
56) 4-Nitrophenol	10.034	139	115588	77.783	ng	94
57) 2,4-Dinitrotoluene	10.098	165	116188	46.184	ng	96
58) Fluorene	10.457	166	346406	42.784	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	107816	45.234	ng	97
60) Diethylphthalate	10.328	149	374276	43.734	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	186905	40.526	ng	97
62) 4-Nitroaniline	10.481	138	87332	44.639	ng	99
63) Azobenzene	10.610	77	359970	45.196	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	69443	43.140	ng	94
66) n-Nitrosodiphenylamine	10.569	169	345895	45.387	ng	98
67) 4-Bromophenyl-phenylether	10.939	248	129092	42.683	ng	96
68) Hexachlorobenzene	11.010	284	154946	43.495	ng	95
69) Atrazine	11.098	200	109917	45.352	ng	97
70) Pentachlorophenol	11.204	266	148413	83.663	ng	98
71) Phenanthrene	11.422	178	509691	43.204	ng	99
72) Anthracene	11.475	178	519244	43.285	ng	99
73) Carbazole	11.633	167	443160	43.444	ng	98
74) Di-n-butylphthalate	11.957	149	516718	41.903	ng	99
75) Fluoranthene	12.616	202	503631	41.326	ng	100
77) Benzidine	12.733	184	156298	44.637	ng	97
78) Pyrene	12.845	202	493385	51.692	ng	99
80) Butylbenzylphthalate	13.457	149	147769	44.669	ng	99
81) Benzo(a)anthracene	14.033	228	370438	45.151	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	63866	22.710	ng	98
83) Chrysene	14.074	228	351949	46.470	ng	97
84) Bis(2-ethylhexyl)phtha...	14.016	149	179079	39.545	ng	99
85) Di-n-octyl phthalate	14.633	149	322146	41.231	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	519646	45.893	ng	100
88) Benzo(b)fluoranthene	15.092	252	371823	41.463	ng	99
89) Benzo(k)fluoranthene	15.121	252	386885	46.092	ng	99
90) Benzo(a)pyrene	15.463	252	386349	46.700	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	415994	45.746	ng	99
92) Benzo(g,h,i)perylene	17.480	276	425782	47.414	ng	99

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

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