Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111225\
Data File : BF144234.D
Acq On : 12 Nov 2025 17:51
Operator : RC/JU
Sample : PB170473BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 13 10:40:42 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 :
PB170473BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2025
Supervised By :mohammad ahmed 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	46242	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	182039	20.000	ng	#	0.00
39) Acenaphthene-d10	9.910	164	103147	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	169842	20.000	ng	#	0.00
76) Chrysene-d12	14.051	240	85422	20.000	ng		0.00
86) Perylene-d12	15.527	264	107838	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	340264	115.149	ng		0.01
7) Phenol-d6	6.504	99	397460	118.707	ng		0.00
23) Nitrobenzene-d5	7.434	82	260555	82.666	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	144593	111.709	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	523432	74.949	ng		0.00
79) Terphenyl-d14	12.986	244	526496	97.901	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.746	88	53370	43.686	ng		97
3) Pyridine	3.504	79	155078	45.499	ng		97
4) n-Nitrosodimethylamine	3.457	42	88954	49.965	ng		95
6) Aniline	6.534	93	177193	37.144	ng		95
8) 2-Chlorophenol	6.657	128	129096	44.548	ng		97
9) Benzaldehyde	6.422	77	82519	43.645	ng		97
10) Phenol	6.522	94	178470	43.627	ng		82
11) bis(2-Chloroethyl)ether	6.604	93	140513	47.138	ng		96
12) 1,3-Dichlorobenzene	6.810	146	153890	43.035	ng		99
13) 1,4-Dichlorobenzene	6.887	146	157313	43.911	ng		99
14) 1,2-Dichlorobenzene	7.039	146	152375	44.375	ng		99
15) Benzyl Alcohol	7.010	79	127167	47.965	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	283601	51.664	ng		97
17) 2-Methylphenol	7.122	107	107386	46.580	ng		97
18) Hexachloroethane	7.381	117	52189	43.848	ng		99
19) n-Nitroso-di-n-propyla...	7.281	70	99626	45.199	ng		94
20) 3+4-Methylphenols	7.275	107	117473	43.226	ng		99
22) Acetophenone	7.281	105	166680	42.682	ng		94
24) Nitrobenzene	7.451	77	154491	45.143	ng		98
25) Isophorone	7.692	82	281239	47.173	ng		99
26) 2-Nitrophenol	7.769	139	78887	46.566	ng		96
27) 2,4-Dimethylphenol	7.804	122	128951	50.785	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	173352	46.563	ng		97
29) 2,4-Dichlorophenol	8.010	162	123040	42.043	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	128837	42.873	ng		99
31) Naphthalene	8.175	128	368762	42.585	ng		100
32) Benzoic acid	7.934	122	87671	47.104	ng		96
33) 4-Chloroaniline	8.222	127	76375	24.183	ng		99
34) Hexachlorobutadiene	8.286	225	88541	39.095	ng		99
35) Caprolactam	8.598	113	42418m	52.905	ng		
36) 4-Chloro-3-methylphenol	8.710	107	117638	44.853	ng		99
37) 2-Methylnaphthalene	8.863	142	228465	39.461	ng		99
38) 1-Methylnaphthalene	8.963	142	229875	41.149	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	134021	39.646	ng	#	98
41) Hexachlorocyclopentadiene	9.016	237	118150	86.623	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	97808	42.510	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.186	196	101890	41.089	ng	99
46)	1,1'-Biphenyl	9.328	154	305932	42.491	ng	99
47)	2-Chloronaphthalene	9.357	162	256304	41.732	ng	100
48)	2-Nitroaniline	9.451	65	84147	47.485	ng	99
49)	Acenaphthylene	9.775	152	394621	47.150	ng	100
50)	Dimethylphthalate	9.633	163	307927	45.063	ng	99
51)	2,6-Dinitrotoluene	9.698	165	65114	47.072	ng	98
52)	Acenaphthene	9.945	154	220995	39.486	ng	99
53)	3-Nitroaniline	9.863	138	48515	32.084	ng	97
54)	2,4-Dinitrophenol	9.980	184	66922	80.117	ng	98
55)	Dibenzofuran	10.116	168	322980	41.204	ng	100
56)	4-Nitrophenol	10.033	139	91577	83.722	ng	98
57)	2,4-Dinitrotoluene	10.104	165	86350	46.631	ng	95
58)	Fluorene	10.463	166	251230	42.155	ng	100
59)	2,3,4,6-Tetrachlorophenol	10.239	232	78582	44.790	ng	98
60)	Diethylphthalate	10.333	149	287120	45.580	ng	100
61)	4-Chlorophenyl-phenyle...	10.451	204	137632	40.542	ng	97
62)	4-Nitroaniline	10.486	138	65408	45.421	ng	95
63)	Azobenzene	10.610	77	279967	47.755	ng	99
65)	4,6-Dinitro-2-methylph...	10.516	198	49858	43.212	ng	98
66)	n-Nitrosodiphenylamine	10.569	169	251870	46.108	ng	100
67)	4-Bromophenyl-phenylether	10.939	248	92867	42.838	ng	97
68)	Hexachlorobenzene	11.010	284	111228	43.560	ng	96
69)	Atrazine	11.098	200	86081	49.551	ng	98
70)	Pentachlorophenol	11.210	266	106205	83.525	ng	98
71)	Phenanthrene	11.427	178	369457	43.691	ng	99
72)	Anthracene	11.480	178	380544	44.257	ng	100
73)	Carbazole	11.633	167	328894	44.982	ng	99
74)	Di-n-butylphthalate	11.957	149	423974	47.967	ng	100
75)	Fluoranthene	12.616	202	369967	42.353	ng	98
77)	Benzidine	12.739	184	173452	68.647	ng	99
78)	Pyrene	12.845	202	363730	52.810	ng	99
80)	Butylbenzylphthalate	13.463	149	137986	57.804	ng	98
81)	Benzo(a)anthracene	14.039	228	282406	47.701	ng	98
82)	3,3'-Dichlorobenzidine	13.998	252	64305	31.687	ng	96
83)	Chrysene	14.074	228	255888	46.821	ng	99
84)	Bis(2-ethylhexyl)phtha...	14.021	149	177450	54.302	ng	100
85)	Di-n-octyl phthalate	14.633	149	263398	46.718	ng	98
87)	Indeno(1,2,3-cd)pyrene	17.033	276	329028	42.504	ng	97
88)	Benzo(b)fluoranthene	15.092	252	287764m	46.937	ng	
89)	Benzo(k)fluoranthene	15.121	252	259584	45.236	ng	97
90)	Benzo(a)pyrene	15.468	252	271111	47.934	ng	98
91)	Dibenzo(a,h)anthracene	17.045	278	270255	43.471	ng	98
92)	Benzo(g,h,i)perylene	17.480	276	263590	42.935	ng	97

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

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