Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144246.D
Acq On : 13 Nov 2025 16:24
Operator : RC/JU
Sample : PB170473BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 13 16:47:10 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 11/14/2025
Supervised By :Sohil Jodhani 11/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	58832	20.000	ng		-0.01
21) Naphthalene-d8	8.151	136	241570	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	135120	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	232588	20.000	ng		0.00
76) Chrysene-d12	14.045	240	118249	20.000	ng		0.00
86) Perylene-d12	15.521	264	155276	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	455253	121.093	ng		0.00
7) Phenol-d6	6.498	99	518984	121.831	ng		0.00
23) Nitrobenzene-d5	7.434	82	342926	81.987	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	210542	124.170	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	718260	78.510	ng		0.00
79) Terphenyl-d14	12.986	244	700771	94.133	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	61363	39.479	ng		99
3) Pyridine	3.463	79	173054	39.908	ng		99
4) n-Nitrosodimethylamine	3.410	42	110714	48.879	ng		94
6) Aniline	6.534	93	200047	32.961	ng		99
8) 2-Chlorophenol	6.651	128	165957	45.012	ng		98
9) Benzaldehyde	6.422	77	98326	40.876	ng		99
10) Phenol	6.516	94	224574	43.149	ng		90
11) bis(2-Chloroethyl)ether	6.604	93	170416	44.936	ng		97
12) 1,3-Dichlorobenzene	6.810	146	199178	43.780	ng		99
13) 1,4-Dichlorobenzene	6.887	146	204670	44.904	ng		99
14) 1,2-Dichlorobenzene	7.034	146	199288	45.617	ng		98
15) Benzyl Alcohol	7.010	79	160046	47.448	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	317923	45.523	ng		98
17) 2-Methylphenol	7.122	107	133795	45.616	ng		98
18) Hexachloroethane	7.375	117	66267	43.761	ng		100
19) n-Nitroso-di-n-propyla...	7.281	70	128277	45.743	ng		96
20) 3+4-Methylphenols	7.275	107	153078	44.273	ng		94
22) Acetophenone	7.275	105	218214	42.108	ng	#	92
24) Nitrobenzene	7.451	77	191943	42.265	ng		99
25) Isophorone	7.686	82	345984	43.731	ng		99
26) 2-Nitrophenol	7.763	139	99002	44.039	ng		95
27) 2,4-Dimethylphenol	7.804	122	155231	46.070	ng		94
28) bis(2-Chloroethoxy)met...	7.898	93	210138	42.534	ng		97
29) 2,4-Dichlorophenol	8.010	162	160319	41.281	ng		99
30) 1,2,4-Trichlorobenzene	8.086	180	170085	42.651	ng		97
31) Naphthalene	8.169	128	471894	41.066	ng		100
32) Benzoic acid	7.934	122	103430	41.876	ng		95
33) 4-Chloroaniline	8.222	127	70111	16.729	ng		99
34) Hexachlorobutadiene	8.286	225	121293	40.358	ng		97
35) Caprolactam	8.592	113	50453m	47.419	ng		
36) 4-Chloro-3-methylphenol	8.704	107	151236	43.453	ng		99
37) 2-Methylnaphthalene	8.863	142	297986	38.785	ng		99
38) 1-Methylnaphthalene	8.963	142	299912	40.456	ng		98
40) 1,2,4,5-Tetrachloroben...	9.028	216	181158	40.909	ng	#	98
41) Hexachlorocyclopentadiene	9.016	237	190222	100.084	ng		95
43) 2,4,6-Trichlorophenol	9.145	196	123600	41.009	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	134698	41.466	ng	99
46) 1,1'-Biphenyl	9.328	154	397971	42.195	ng	98
47) 2-Chloronaphthalene	9.351	162	338120	42.026	ng	98
48) 2-Nitroaniline	9.451	65	108204	46.612	ng	99
49) Acenaphthylene	9.769	152	515625	47.030	ng	100
50) Dimethylphthalate	9.628	163	398788	44.550	ng	100
51) 2,6-Dinitrotoluene	9.692	165	85929	47.421	ng	99
52) Acenaphthene	9.939	154	279860	38.172	ng	99
53) 3-Nitroaniline	9.863	138	49936	25.209	ng	99
54) 2,4-Dinitrophenol	9.975	184	97089	88.729	ng	96
55) Dibenzofuran	10.116	168	428345	41.716	ng	99
56) 4-Nitrophenol	10.033	139	115883	80.874	ng	97
57) 2,4-Dinitrotoluene	10.098	165	113163	46.650	ng	94
58) Fluorene	10.457	166	332939	42.646	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	106276	46.242	ng	97
60) Diethylphthalate	10.327	149	364140	44.128	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	184953	41.590	ng	95
62) 4-Nitroaniline	10.480	138	83170	44.089	ng	97
63) Azobenzene	10.610	77	356045	46.361	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	70115	44.375	ng	96
66) n-Nitrosodiphenylamine	10.569	169	330545	44.187	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	124320	41.876	ng	96
68) Hexachlorobenzene	11.004	284	154570	44.203	ng	99
69) Atrazine	11.092	200	107065	45.004	ng	99
70) Pentachlorophenol	11.204	266	141293	81.143	ng	97
71) Phenanthrene	11.422	178	499513	43.135	ng	100
72) Anthracene	11.474	178	511664	43.453	ng	100
73) Carbazole	11.627	167	430878	43.033	ng	99
74) Di-n-butylphthalate	11.957	149	496536	41.021	ng	100
75) Fluoranthene	12.616	202	487529	40.755	ng	100
77) Benzidine	12.733	184	145434	41.580	ng	98
78) Pyrene	12.845	202	471436	49.446	ng	100
80) Butylbenzylphthalate	13.457	149	145023	43.887	ng	99
81) Benzo(a)anthracene	14.033	228	364470	44.472	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	63171	22.487	ng	96
83) Chrysene	14.068	228	345638	45.686	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	174072	38.481	ng	99
85) Di-n-octyl phthalate	14.627	149	319844	40.981	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	509733	45.731	ng	100
88) Benzo(b)fluoranthene	15.092	252	375877	42.579	ng	99
89) Benzo(k)fluoranthene	15.121	252	371832	45.001	ng	99
90) Benzo(a)pyrene	15.462	252	383834	47.131	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	410772	45.888	ng	99
92) Benzo(g,h,i)perylene	17.480	276	411997	46.606	ng	100

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

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