Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082725\
Data File : BF143598.D
Acq On : 27 Aug 2025 10:15
Operator : RC/JU
Sample : PB169400BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 27 11:28:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169400BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli
08/28/2025
Supervised By :Jagrut Upadhyay
08/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	117260	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	459452	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	253915	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	408187	20.000	ng	0.00
76) Chrysene-d12	14.051	240	238087	20.000	ng	0.00
86) Perylene-d12	15.527	264	241951	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	858508	124.609	ng	0.01
7) Phenol-d6	6.516	99	1063207	124.596	ng	0.00
23) Nitrobenzene-d5	7.451	82	655899	101.930	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	297639	149.894	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1311942	88.341	ng	0.00
79) Terphenyl-d14	12.998	244	1260204	94.983	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.775	88	129397	38.391	ng	98
3) Pyridine	3.528	79	344242	40.673	ng	96
4) n-Nitrosodimethylamine	3.481	42	179629	44.601	ng	97
6) Aniline	6.557	93	427671	35.900	ng	98
8) 2-Chlorophenol	6.675	128	334107	45.836	ng	99
9) Benzaldehyde	6.439	77	140566	21.892	ng	98
10) Phenol	6.528	94	431728m	45.110	ng	
11) bis(2-Chloroethyl)ether	6.628	93	321451	43.832	ng	98
12) 1,3-Dichlorobenzene	6.834	146	377503	45.087	ng	99
13) 1,4-Dichlorobenzene	6.910	146	381786	45.221	ng	100
14) 1,2-Dichlorobenzene	7.063	146	364634	45.533	ng	99
15) Benzyl Alcohol	7.028	79	301911	47.209	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	577885	42.689	ng	98
17) 2-Methylphenol	7.134	107	285171	46.085	ng	99
18) Hexachloroethane	7.404	117	124300	46.336	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	248777	46.020	ng	97
20) 3+4-Methylphenols	7.287	107	349779	46.024	ng	96
22) Acetophenone	7.298	105	471769	45.594	ng	98
24) Nitrobenzene	7.475	77	353571	51.251	ng	97
25) Isophorone	7.710	82	680392	45.183	ng	99
26) 2-Nitrophenol	7.786	139	151356	52.144	ng	99
27) 2,4-Dimethylphenol	7.822	122	326383	49.815	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	407093	44.683	ng	99
29) 2,4-Dichlorophenol	8.022	162	296807	47.018	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	314947	47.784	ng	99
31) Naphthalene	8.192	128	973698	43.864	ng	100
32) Benzoic acid	7.928	122	186862m	53.672	ng	
33) 4-Chloroaniline	8.239	127	231262	29.489	ng	98
34) Hexachlorobutadiene	8.310	225	187894	45.240	ng	99
35) Caprolactam	8.604	113	89284m	49.784	ng	
36) 4-Chloro-3-methylphenol	8.716	107	310917	47.110	ng	99
37) 2-Methylnaphthalene	8.886	142	604301	41.222	ng	100
38) 1-Methylnaphthalene	8.986	142	624575	44.145	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	296402	44.879	ng	98
41) Hexachlorocyclopentadiene	9.039	237	403823	124.289	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	206882	47.404	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	223076	50.585	ng		98
46) 1,1'-Biphenyl	9.351	154	811160	46.040	ng		100
47) 2-Chloronaphthalene	9.375	162	633757	45.536	ng		99
48) 2-Nitroaniline	9.469	65	195403	50.320	ng		99
49) Acenaphthylene	9.792	152	1020566	50.399	ng		100
50) Dimethylphthalate	9.651	163	737063	47.193	ng		99
51) 2,6-Dinitrotoluene	9.710	165	152983	57.290	ng		92
52) Acenaphthene	9.963	154	642943	48.472	ng		99
53) 3-Nitroaniline	9.875	138	113704	37.670	ng	#	98
54) 2,4-Dinitrophenol	9.980	184	116602	96.781	ng	#	15
55) Dibenzofuran	10.133	168	887774	45.650	ng		99
56) 4-Nitrophenol	10.028	139	253582	93.392	ng		99
57) 2,4-Dinitrotoluene	10.110	165	199491	56.910	ng		98
58) Fluorene	10.480	166	667712	45.730	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	186747	57.278	ng		98
60) Diethylphthalate	10.351	149	705100	48.174	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	327308	45.836	ng		99
62) 4-Nitroaniline	10.492	138	156327	53.429	ng		98
63) Azobenzene	10.633	77	694172	46.777	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	80375	55.419	ng		96
66) n-Nitrosodiphenylamine	10.586	169	597578	46.026	ng		100
67) 4-Bromophenyl-phenylether	10.963	248	205240	46.485	ng		99
68) Hexachlorobenzene	11.022	284	219402	46.457	ng		97
69) Atrazine	11.116	200	186646	50.011	ng		100
70) Pentachlorophenol	11.216	266	273761	101.459	ng		98
71) Phenanthrene	11.439	178	996847	45.612	ng		100
72) Anthracene	11.492	178	1008094	45.771	ng		100
73) Carbazole	11.645	167	882708	46.365	ng		100
74) Di-n-butylphthalate	11.974	149	995306	51.327	ng		100
75) Fluoranthene	12.627	202	934488	46.830	ng		99
77) Benzidine	12.745	184	357236	65.172	ng		99
78) Pyrene	12.857	202	937742	47.062	ng		99
80) Butylbenzylphthalate	13.474	149	281063	49.800	ng		98
81) Benzo(a)anthracene	14.039	228	712027	47.536	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	128565	32.014	ng		99
83) Chrysene	14.080	228	613559	43.953	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	329595	45.414	ng		100
85) Di-n-octyl phthalate	14.651	149	586870	43.794	ng		98
87) Indeno(1,2,3-cd)pyrene	17.021	276	806812	49.012	ng		99
88) Benzo(b)fluoranthene	15.092	252	640761	46.350	ng		100
89) Benzo(k)fluoranthene	15.127	252	571012	44.176	ng		99
90) Benzo(a)pyrene	15.468	252	606588	49.662	ng		99
91) Dibenzo(a,h)anthracene	17.045	278	667259	49.526	ng		99
92) Benzo(g,h,i)perylene	17.474	276	656943	49.252	ng		99

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

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