Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143565.D
Acq On : 22 Aug 2025 11:27
Operator : RC/JU
Sample : PB169330BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 22 11:54:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169330BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	101018	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	389858	20.000	ng		0.00
39) Acenaphthene-d10	9.969	164	220374	20.000	ng		0.00
64) Phenanthrene-d10	11.457	188	354024	20.000	ng		0.00
76) Chrysene-d12	14.098	240	211918	20.000	ng		0.00
86) Perylene-d12	15.598	264	208497	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.575	112	689265	119.144	ng		0.01
7) Phenol-d6	6.569	99	854234	119.616	ng		0.00
23) Nitrobenzene-d5	7.487	82	580361	86.870	ng		-0.01
42) 2,4,6-Tribromophenol	10.763	330	271309	132.258	ng		0.00
45) 2-Fluorobiphenyl	9.287	172	1116747	83.749	ng		0.00
79) Terphenyl-d14	13.039	244	1137401	93.659	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.881	88	97360	36.329	ng		94
3) Pyridine	3.628	79	261741	36.669	ng		98
4) n-Nitrosodimethylamine	3.575	42	151034	47.069	ng		92
6) Aniline	6.593	93	301594	31.595	ng	#	89
8) 2-Chlorophenol	6.716	128	273177	42.752	ng		98
9) Benzaldehyde	6.475	77	142621	24.667	ng		98
10) Phenol	6.581	94	343798	41.789	ng		96
11) bis(2-Chloroethyl)ether	6.657	93	257497	41.884	ng		100
12) 1,3-Dichlorobenzene	6.869	146	309880	43.162	ng		99
13) 1,4-Dichlorobenzene	6.945	146	314330	43.646	ng		99
14) 1,2-Dichlorobenzene	7.098	146	301047	44.151	ng		99
15) Benzyl Alcohol	7.069	79	255095	47.710	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.198	45	404274	41.103	ng		94
17) 2-Methylphenol	7.181	107	226640	44.193	ng		98
18) Hexachloroethane	7.440	117	109593	44.758	ng		98
19) n-Nitroso-di-n-propyla...	7.340	70	201597	46.185	ng		99
20) 3+4-Methylphenols	7.334	107	275497	45.000	ng		95
22) Acetophenone	7.334	105	384279	45.625	ng		99
24) Nitrobenzene	7.504	77	306080	44.514	ng		97
25) Isophorone	7.745	82	553969	45.235	ng		100
26) 2-Nitrophenol	7.822	139	151400	44.950	ng		93
27) 2,4-Dimethylphenol	7.863	122	243031m	46.287	ng		
28) bis(2-Chloroethoxy)met...	7.951	93	325495	43.248	ng		100
29) 2,4-Dichlorophenol	8.069	162	241291	43.029	ng		98
30) 1,2,4-Trichlorobenzene	8.151	180	261097	45.287	ng		99
31) Naphthalene	8.234	128	789696	42.191	ng		100
32) Benzoic acid	7.992	122	122802	41.971	ng		94
33) 4-Chloroaniline	8.275	127	146125	21.996	ng		97
34) Hexachlorobutadiene	8.351	225	168525	44.803	ng		99
35) Caprolactam	8.651	113	74100m	55.068	ng		
36) 4-Chloro-3-methylphenol	8.769	107	259225	46.128	ng		96
37) 2-Methylnaphthalene	8.922	142	491239	39.296	ng		100
38) 1-Methylnaphthalene	9.022	142	506880	42.389	ng		99
40) 1,2,4,5-Tetrachloroben...	9.092	216	261384	41.466	ng		99
41) Hexachlorocyclopentadiene	9.081	237	264577	105.766	ng		99
43) 2,4,6-Trichlorophenol	9.204	196	165973	42.791	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	175994	41.539	ng	99
46) 1,1'-Biphenyl	9.386	154	669776	42.820	ng	98
47) 2-Chloronaphthalene	9.410	162	510566	41.601	ng	97
48) 2-Nitroaniline	9.504	65	164949	45.924	ng	97
49) Acenaphthylene	9.828	152	827727	47.102	ng	100
50) Dimethylphthalate	9.686	163	624314	47.038	ng	99
51) 2,6-Dinitrotoluene	9.745	165	134811	49.008	ng	94
52) Acenaphthene	9.998	154	544272	45.617	ng	99
53) 3-Nitroaniline	9.916	138	91552	30.801	ng	95
54) 2,4-Dinitrophenol	10.028	184	113338	77.240	ng	92
55) Dibenzofuran	10.175	168	734966	43.206	ng	97
56) 4-Nitrophenol	10.092	139	172666	97.629	ng	91
57) 2,4-Dinitrotoluene	10.151	165	180096	49.032	ng	91
58) Fluorene	10.516	166	579075	44.230	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	151199	48.035	ng	97
60) Diethylphthalate	10.386	149	589094	49.505	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	282715	43.178	ng	97
62) 4-Nitroaniline	10.533	138	134467	49.251	ng	90
63) Azobenzene	10.663	77	570913	46.270	ng	98
65) 4,6-Dinitro-2-methylph...	10.569	198	90164	45.169	ng	99
66) n-Nitrosodiphenylamine	10.622	169	497854	43.698	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	180581	42.751	ng	93
68) Hexachlorobenzene	11.069	284	200456	44.025	ng	100
69) Atrazine	11.151	200	164883	56.064	ng	98
70) Pentachlorophenol	11.269	266	192156	92.148	ng	99
71) Phenanthrene	11.480	178	823531	43.439	ng	100
72) Anthracene	11.533	178	852816	44.404	ng	100
73) Carbazole	11.686	167	728699	46.304	ng	99
74) Di-n-butylphthalate	12.010	149	852762	58.086	ng	99
75) Fluoranthene	12.669	202	803075	47.208	ng	99
77) Benzidine	12.786	184	258033	49.987	ng	98
78) Pyrene	12.898	202	791447	45.402	ng	100
80) Butylbenzylphthalate	13.510	149	264231	55.486	ng	99
81) Benzo(a)anthracene	14.086	228	626650	45.930	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	112759	28.859	ng	96
83) Chrysene	14.127	228	538557	43.925	ng	100
84) Bis(2-ethylhexyl)phtha...	14.069	149	311892	43.002	ng	100
85) Di-n-octyl phthalate	14.680	149	529652	39.419	ng	99
87) Indeno(1,2,3-cd)pyrene	17.133	276	673168	44.930	ng	99
88) Benzo(b)fluoranthene	15.157	252	528666	45.616	ng	99
89) Benzo(k)fluoranthene	15.186	252	523881	47.211	ng	99
90) Benzo(a)pyrene	15.533	252	512150	47.608	ng	99
91) Dibenzo(a,h)anthracene	17.145	278	545393	45.452	ng	100
92) Benzo(g,h,i)perylene	17.598	276	550013	46.097	ng	98

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

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