Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143401.D
Acq On : 15 Aug 2025 04:53
Operator : RC/JU
Sample : PB169230BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 15 05:20:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169230BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	165869	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	632912	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	337867	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	501977	20.000	ng	0.00
76) Chrysene-d12	14.098	240	296288	20.000	ng	0.00
86) Perylene-d12	15.592	264	378334	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1034522	107.853	ng	0.02
7) Phenol-d6	6.569	99	1305027	106.096	ng	0.00
23) Nitrobenzene-d5	7.493	82	865300	85.139	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	349234	141.436	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1531375	76.860	ng	0.00
79) Terphenyl-d14	13.039	244	1342015	80.866	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.840	88	224131	45.156	ng	98
3) Pyridine	3.599	79	447558	33.838	ng	98
4) n-Nitrosodimethylamine	3.540	42	243241	39.480	ng	99
6) Aniline	6.598	93	563228	32.479	ng	96
8) 2-Chlorophenol	6.722	128	423287	41.299	ng	97
9) Benzaldehyde	6.487	77	237504	29.214	ng	97
10) Phenol	6.587	94	543015	37.265	ng	81
11) bis(2-Chloroethyl)ether	6.663	93	411471	38.314	ng	100
12) 1,3-Dichlorobenzene	6.875	146	466067	39.424	ng	99
13) 1,4-Dichlorobenzene	6.951	146	473214	39.883	ng	100
14) 1,2-Dichlorobenzene	7.104	146	453017	40.222	ng	99
15) Benzyl Alcohol	7.075	79	373136	42.319	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	704591	36.749	ng	97
17) 2-Methylphenol	7.187	107	348706	40.306	ng	99
18) Hexachloroethane	7.445	117	156811	42.155	ng	96
19) n-Nitroso-di-n-propyla...	7.345	70	291206	38.314	ng	99
20) 3+4-Methylphenols	7.340	107	404383	38.649	ng	99
22) Acetophenone	7.340	105	550204	39.455	ng	98
24) Nitrobenzene	7.510	77	454857	41.209	ng	98
25) Isophorone	7.751	82	836434	40.314	ng	100
26) 2-Nitrophenol	7.828	139	224111	50.463	ng	98
27) 2,4-Dimethylphenol	7.869	122	388489	44.881	ng	99
28) bis(2-Chloroethoxy)met...	7.957	93	511095	40.346	ng	99
29) 2,4-Dichlorophenol	8.075	162	359507	42.523	ng	99
30) 1,2,4-Trichlorobenzene	8.157	180	384481	43.113	ng	99
31) Naphthalene	8.240	128	1190968	39.106	ng	100
32) Benzoic acid	7.992	122	193229	50.507	ng	96
33) 4-Chloroaniline	8.281	127	305352	27.798	ng	100
34) Hexachlorobutadiene	8.357	225	232817	41.967	ng	100
35) Caprolactam	8.645	113	110858m	46.644	ng	
36) 4-Chloro-3-methylphenol	8.769	107	372088	41.982	ng	99
37) 2-Methylnaphthalene	8.928	142	722751	36.099	ng	99
38) 1-Methylnaphthalene	9.028	142	754121	39.108	ng	99
40) 1,2,4,5-Tetrachloroben...	9.098	216	371936	40.229	ng	99
41) Hexachlorocyclopentadiene	9.087	237	371920	111.221	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	239087	45.577	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	256237	43.255	ng		97
46) 1,1'-Biphenyl	9.392	154	965257	40.406	ng		99
47) 2-Chloronaphthalene	9.416	162	746864	39.696	ng		99
48) 2-Nitroaniline	9.510	65	237744	44.055	ng		97
49) Acenaphthylene	9.834	152	1209614	44.520	ng		100
50) Dimethylphthalate	9.686	163	869067	44.021	ng		100
51) 2,6-Dinitrotoluene	9.751	165	192420	51.291	ng		90
52) Acenaphthene	10.004	154	756860	41.901	ng		98
53) 3-Nitroaniline	9.922	138	145920	36.092	ng		94
54) 2,4-Dinitrophenol	10.028	184	142048	86.300	ng	#	84
55) Dibenzofuran	10.175	168	1038293	39.939	ng		99
56) 4-Nitrophenol	10.086	139	242747	75.460	ng		97
57) 2,4-Dinitrotoluene	10.157	165	253357	50.912	ng		89
58) Fluorene	10.522	166	787552	39.661	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.298	232	222148	55.631	ng		95
60) Diethylphthalate	10.386	149	797456	45.096	ng		99
61) 4-Chlorophenyl-phenyle...	10.510	204	394246	41.090	ng		100
62) 4-Nitroaniline	10.533	138	180840	46.231	ng		98
63) Azobenzene	10.669	77	803186	39.765	ng		98
65) 4,6-Dinitro-2-methylph...	10.569	198	115872	55.685	ng		88
66) n-Nitrosodiphenylamine	10.628	169	690947	41.802	ng		99
67) 4-Bromophenyl-phenylether	10.998	248	250851	43.695	ng		98
68) Hexachlorobenzene	11.075	284	264795	42.790	ng		97
69) Atrazine	11.151	200	212160	49.212	ng		98
70) Pentachlorophenol	11.269	266	239189	79.042	ng		97
71) Phenanthrene	11.480	178	1089484	39.780	ng		99
72) Anthracene	11.533	178	1111739	40.026	ng		100
73) Carbazole	11.686	167	938187	39.662	ng		99
74) Di-n-butylphthalate	12.010	149	1044778	52.195	ng		100
75) Fluoranthene	12.669	202	978774	40.798	ng		99
77) Benzidine	12.786	184	447958	55.302	ng		98
78) Pyrene	12.898	202	967249	38.915	ng		100
80) Butylbenzylphthalate	13.510	149	318826	63.729	ng		96
81) Benzo(a)anthracene	14.086	228	783827	41.622	ng		99
82) 3,3'-Dichlorobenzidine	14.045	252	173191	34.059	ng		100
83) Chrysene	14.127	228	748660	42.635	ng		100
84) Bis(2-ethylhexyl)phtha...	14.069	149	425996	58.053	ng		99
85) Di-n-octyl phthalate	14.680	149	787937	53.926	ng		95
87) Indeno(1,2,3-cd)pyrene	17.121	276	1137613	41.970	ng		99
88) Benzo(b)fluoranthene	15.151	252	907050	43.833	ng		100
89) Benzo(k)fluoranthene	15.180	252	804311	40.001	ng		99
90) Benzo(a)pyrene	15.533	252	853001	43.767	ng		99
91) Dibenzo(a,h)anthracene	17.139	278	916656	42.332	ng		98
92) Benzo(g,h,i)perylene	17.586	276	931363	42.696	ng		99

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

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