Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
Data File : BF143447.D
Acq On : 19 Aug 2025 10:34
Operator : RC/JU
Sample : PB169285BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 19 12:03:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169285BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/20/2025
Supervised By :Jagrut Upadhyay 08/20/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	132148	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	508774	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	275188	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	445207	20.000	ng	0.00
76) Chrysene-d12	14.086	240	219482	20.000	ng	0.00
86) Perylene-d12	15.580	264	298768	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	939687	123.610	ng	0.02
7) Phenol-d6	6.563	99	1181533	123.329	ng	0.00
23) Nitrobenzene-d5	7.487	82	783562	91.388	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	353346	144.259	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1417654	86.649	ng	0.00
79) Terphenyl-d14	13.027	244	1191219	91.173	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.840	88	154659	42.265	ng	99
3) Pyridine	3.599	79	379545	39.547	ng	99
4) n-Nitrosodimethylamine	3.540	42	220904	49.521	ng	98
6) Aniline	6.593	93	456118	35.070	ng	92
8) 2-Chlorophenol	6.716	128	386674	46.072	ng	99
9) Benzaldehyde	6.481	77	203482	39.925	ng	98
10) Phenol	6.581	94	490077	43.837	ng	87
11) bis(2-Chloroethyl)ether	6.657	93	371401	44.818	ng	98
12) 1,3-Dichlorobenzene	6.869	146	432618	46.016	ng	100
13) 1,4-Dichlorobenzene	6.945	146	435366	46.384	ng	99
14) 1,2-Dichlorobenzene	7.098	146	415113	46.304	ng	100
15) Benzyl Alcohol	7.069	79	340635	48.214	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	626587	44.229	ng	95
17) 2-Methylphenol	7.181	107	316722	46.253	ng	99
18) Hexachloroethane	7.440	117	147442	46.150	ng	99
19) n-Nitroso-di-n-propyla...	7.340	70	267887	45.167	ng	97
20) 3+4-Methylphenols	7.334	107	371941	45.436	ng	98
22) Acetophenone	7.334	105	510127	46.634	ng	100
24) Nitrobenzene	7.504	77	419310	46.792	ng	99
25) Isophorone	7.745	82	757780	46.178	ng	99
26) 2-Nitrophenol	7.822	139	208342	50.152	ng	99
27) 2,4-Dimethylphenol	7.863	122	343371m	48.887	ng	
28) bis(2-Chloroethoxy)met...	7.951	93	453785	44.989	ng	99
29) 2,4-Dichlorophenol	8.069	162	333011	46.509	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	351909	47.968	ng	99
31) Naphthalene	8.234	128	1100133	45.546	ng	100
32) Benzoic acid	7.992	122	181934	49.805	ng	99
33) 4-Chloroaniline	8.275	127	196996	22.595	ng	99
34) Hexachlorobutadiene	8.351	225	219438	46.906	ng	100
35) Caprolactam	8.645	113	100412m	48.710	ng	
36) 4-Chloro-3-methylphenol	8.763	107	343428	46.572	ng	100
37) 2-Methylnaphthalene	8.922	142	669878	41.144	ng	100
38) 1-Methylnaphthalene	9.022	142	687519	44.074	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	343203	44.719	ng	99
41) Hexachlorocyclopentadiene	9.081	237	356578	123.490	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	228830	47.798	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	242581	47.270	ng	98
46) 1,1'-Biphenyl	9.386	154	902027	46.652	ng	99
47) 2-Chloronaphthalene	9.410	162	692681	45.385	ng	99
48) 2-Nitroaniline	9.504	65	219009	48.219	ng	96
49) Acenaphthylene	9.828	152	1121721	50.903	ng	99
50) Dimethylphthalate	9.681	163	806527	47.009	ng	100
51) 2,6-Dinitrotoluene	9.745	165	180033	53.231	ng	94
52) Acenaphthene	9.998	154	735147	49.601	ng	100
53) 3-Nitroaniline	9.910	138	111767	29.667	ng	99
54) 2,4-Dinitrophenol	10.022	184	170836	106.583	ng	96
55) Dibenzofuran	10.169	168	984704	46.056	ng	99
56) 4-Nitrophenol	10.081	139	236057	99.662	ng	97
57) 2,4-Dinitrotoluene	10.151	165	241594	53.578	ng	97
58) Fluorene	10.516	166	799557	48.679	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.292	232	230118	59.238	ng	99
60) Diethylphthalate	10.381	149	786748	49.623	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	399086	49.144	ng	97
62) 4-Nitroaniline	10.528	138	177734	50.445	ng	99
63) Azobenzene	10.663	77	798109	49.807	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	129758	56.487	ng	97
66) n-Nitrosodiphenylamine	10.622	169	699527	48.323	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	252143	47.961	ng	100
68) Hexachlorobenzene	11.063	284	270084	48.324	ng	99
69) Atrazine	11.145	200	206899	48.865	ng	100
70) Pentachlorophenol	11.263	266	265069	107.844	ng	99
71) Phenanthrene	11.475	178	1090159	45.218	ng	100
72) Anthracene	11.528	178	1099395	45.149	ng	99
73) Carbazole	11.680	167	880493	42.754	ng	99
74) Di-n-butylphthalate	12.004	149	933376	45.512	ng	100
75) Fluoranthene	12.663	202	908869	42.427	ng	100
77) Benzidine	12.780	184	228043	34.793	ng	99
78) Pyrene	12.892	202	885867	46.437	ng	99
80) Butylbenzylphthalate	13.498	149	269862	57.112	ng	100
81) Benzo(a)anthracene	14.080	228	693579	49.636	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	130760	31.961	ng	100
83) Chrysene	14.116	228	609997	47.220	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	391061	58.277	ng	98
85) Di-n-octyl phthalate	14.668	149	762651	56.035	ng	99
87) Indeno(1,2,3-cd)pyrene	17.104	276	1015180	45.311	ng	99
88) Benzo(b)fluoranthene	15.139	252	831746	51.943	ng	99
89) Benzo(k)fluoranthene	15.168	252	686452	43.464	ng	99
90) Benzo(a)pyrene	15.515	252	773479	50.715	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	825082	45.858	ng	99
92) Benzo(g,h,i)perylene	17.562	276	831232	46.247	ng	99

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

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