Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
Data File : BF143353.D
Acq On : 12 Aug 2025 14:53
Operator : RC/JU
Sample : PB169189BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 12 15:11:15 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 :
PB169189BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	165936	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	641337	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	345183	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	531787	20.000	ng	0.00
76) Chrysene-d12	14.092	240	305054	20.000	ng	0.00
86) Perylene-d12	15.580	264	338125	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1176602	122.616	ng	0.01
7) Phenol-d6	6.563	99	1523405	123.800	ng	0.00
23) Nitrobenzene-d5	7.487	82	971531	94.335	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	402111	159.399	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1736835	85.324	ng	0.00
79) Terphenyl-d14	13.033	244	1499571	87.763	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.863	88	192952	38.859	ng	100
3) Pyridine	3.616	79	527767	39.886	ng	100
4) n-Nitrosodimethylamine	3.558	42	289391	46.951	ng	98
6) Aniline	6.593	93	630979	36.372	ng	97
8) 2-Chlorophenol	6.716	128	477865	46.605	ng	99
9) Benzaldehyde	6.481	77	275375	33.858	ng	99
10) Phenol	6.575	94	649400	44.548	ng	98
11) bis(2-Chloroethyl)ether	6.663	93	471401	43.877	ng	100
12) 1,3-Dichlorobenzene	6.875	146	521614	44.105	ng	99
13) 1,4-Dichlorobenzene	6.946	146	527695	44.456	ng	99
14) 1,2-Dichlorobenzene	7.098	146	510010	45.263	ng	99
15) Benzyl Alcohol	7.069	79	422723	47.924	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	856643	44.662	ng	96
17) 2-Methylphenol	7.181	107	410128	47.386	ng	99
18) Hexachloroethane	7.446	117	176666	47.473	ng	98
19) n-Nitroso-di-n-propyla...	7.340	70	349687	45.990	ng	100
20) 3+4-Methylphenols	7.334	107	486422	46.471	ng	99
22) Acetophenone	7.334	105	645276	45.665	ng	99
24) Nitrobenzene	7.510	77	523992	46.849	ng	98
25) Isophorone	7.745	82	987069	46.949	ng	99
26) 2-Nitrophenol	7.822	139	223468	49.716	ng	98
27) 2,4-Dimethylphenol	7.863	122	449469	51.243	ng	100
28) bis(2-Chloroethoxy)met...	7.951	93	592892	46.189	ng	100
29) 2,4-Dichlorophenol	8.069	162	411252	48.004	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	427753	47.335	ng	99
31) Naphthalene	8.234	128	1370665	44.415	ng	100
32) Benzoic acid	7.981	122	201615	51.609	ng	98
33) 4-Chloroaniline	8.275	127	345120	31.006	ng	99
34) Hexachlorobutadiene	8.351	225	251531	44.745	ng	100
35) Caprolactam	8.640	113	131391m	54.557	ng	
36) 4-Chloro-3-methylphenol	8.763	107	439359	48.920	ng	99
37) 2-Methylnaphthalene	8.922	142	839047	41.357	ng	100
38) 1-Methylnaphthalene	9.022	142	862290	44.130	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	420596	44.528	ng	99
41) Hexachlorocyclopentadiene	9.081	237	423657	123.246	ng	98
43) 2,4,6-Trichlorophenol	9.204	196	275429	51.392	ng	99

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44) 2,4,5-Trichlorophenol	9.245	196	302307	49.951	ng	99
46) 1,1'-Biphenyl	9.387	154	1121150	45.937	ng	99
47) 2-Chloronaphthalene	9.410	162	865384	45.021	ng	99
48) 2-Nitroaniline	9.504	65	276499	49.767	ng	99
49) Acenaphthylene	9.828	152	1415209	50.983	ng	100
50) Dimethylphthalate	9.687	163	990050	49.086	ng	100
51) 2,6-Dinitrotoluene	9.745	165	211344	54.918	ng	96
52) Acenaphthene	10.004	154	884703	47.940	ng	100
53) 3-Nitroaniline	9.916	138	162576	39.359	ng	97
54) 2,4-Dinitrophenol	10.022	184	162049	92.709	ng	89
55) Dibenzofuran	10.175	168	1213361	45.684	ng	99
56) 4-Nitrophenol	10.081	139	325418	97.305	ng	97
57) 2,4-Dinitrotoluene	10.151	165	277162	54.302	ng	94
58) Fluorene	10.516	166	930533	45.869	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	261466	64.089	ng	96
60) Diethylphthalate	10.387	149	903138	49.990	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	454878	46.404	ng	99
62) 4-Nitroaniline	10.528	138	213830	53.506	ng	98
63) Azobenzene	10.663	77	993057	48.123	ng	100
65) 4,6-Dinitro-2-methylph...	10.563	198	116908	53.379	ng	94
66) n-Nitrosodiphenylamine	10.622	169	827105	47.235	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	286617	47.126	ng	98
68) Hexachlorobenzene	11.069	284	303457	46.289	ng	99
69) Atrazine	11.145	200	237139	51.923	ng	99
70) Pentachlorophenol	11.263	266	304667	93.837	ng	97
71) Phenanthrene	11.481	178	1303687	44.933	ng	99
72) Anthracene	11.528	178	1351509	45.931	ng	100
73) Carbazole	11.681	167	1141159	45.538	ng	98
74) Di-n-butylphthalate	12.010	149	1150281	54.244	ng	100
75) Fluoranthene	12.663	202	1159235	45.612	ng	99
77) Benzidine	12.780	184	306418	36.741	ng	99
78) Pyrene	12.892	202	1157188	45.218	ng	100
80) Butylbenzylphthalate	13.504	149	263013	51.728	ng	99
81) Benzo(a)anthracene	14.080	228	910629	46.966	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	183468	35.043	ng	99
83) Chrysene	14.116	228	845788	46.782	ng	99
84) Bis(2-ethylhexyl)phtha...	14.063	149	369793	49.572	ng	99
85) Di-n-octyl phthalate	14.674	149	718314	48.439	ng	97
87) Indeno(1,2,3-cd)pyrene	17.098	276	1133370	46.786	ng	100
88) Benzo(b)fluoranthene	15.145	252	899347	48.629	ng	99
89) Benzo(k)fluoranthene	15.174	252	850796	47.344	ng	99
90) Benzo(a)pyrene	15.516	252	872401	50.085	ng	100
91) Dibenzo(a,h)anthracene	17.115	278	913300	47.192	ng	99
92) Benzo(g,h,i)perylene	17.557	276	928308	47.616	ng	97

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

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