Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073025\
Data File : BF143272.D
Acq On : 30 Jul 2025 16:51
Operator : RC/JU
Sample : PB168971BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 30 17:13:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168971BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/31/2025
Supervised By :mohammad ahmed 07/31/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	104468	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	406759	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	215723	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	365952	20.000	ng		0.00
76) Chrysene-d12	14.127	240	212987	20.000	ng		0.00
86) Perylene-d12	15.633	264	212260	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.604	112	732144	110.904	ng		0.02
7) Phenol-d6	6.592	99	928026	111.685	ng		0.00
23) Nitrobenzene-d5	7.522	82	638840	78.288	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	289143	129.745	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1183069	75.003	ng		0.00
79) Terphenyl-d14	13.068	244	1143355	79.885	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.904	88	100495	32.172	ng		99
3) Pyridine	3.657	79	282113	34.795	ng		98
4) n-Nitrosodimethylamine	3.599	42	170143	40.645	ng		97
6) Aniline	6.622	93	339268	29.296	ng	#	91
8) 2-Chlorophenol	6.751	128	295347	42.681	ng		97
9) Benzaldehyde	6.510	77	187788	30.139	ng		98
10) Phenol	6.604	94	376879	41.634	ng		91
11) bis(2-Chloroethyl)ether	6.692	93	283607	40.919	ng		98
12) 1,3-Dichlorobenzene	6.904	146	313578	41.715	ng		99
13) 1,4-Dichlorobenzene	6.981	146	315528	41.680	ng		99
14) 1,2-Dichlorobenzene	7.134	146	303626	42.169	ng		100
15) Benzyl Alcohol	7.098	79	275686	43.452	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	505975	39.354	ng		97
17) 2-Methylphenol	7.210	107	248897	42.778	ng		98
18) Hexachloroethane	7.475	117	114774	43.795	ng		97
19) n-Nitroso-di-n-propyla...	7.369	70	217334	40.768	ng		99
20) 3+4-Methylphenols	7.363	107	296479	41.999	ng	#	75
22) Acetophenone	7.369	105	401932	41.737	ng	#	98
24) Nitrobenzene	7.539	77	327352	43.029	ng		100
25) Isophorone	7.781	82	595918	41.368	ng		98
26) 2-Nitrophenol	7.857	139	161567	48.933	ng		99
27) 2,4-Dimethylphenol	7.892	122	275400	40.920	ng		99
28) bis(2-Chloroethoxy)met...	7.986	93	355691	41.182	ng		99
29) 2,4-Dichlorophenol	8.098	162	248769	43.829	ng		99
30) 1,2,4-Trichlorobenzene	8.181	180	263885	43.035	ng		100
31) Naphthalene	8.263	128	853853	42.624	ng		100
32) Benzoic acid	8.010	122	161477	43.176	ng		98
33) 4-Chloroaniline	8.304	127	159258	19.470	ng		99
34) Hexachlorobutadiene	8.386	225	164034	43.791	ng		100
35) Caprolactam	8.675	113	82548m	48.129	ng		
36) 4-Chloro-3-methylphenol	8.792	107	276483	44.817	ng		99
37) 2-Methylnaphthalene	8.957	142	521678	42.796	ng		100
38) 1-Methylnaphthalene	9.057	142	538424	42.893	ng		99
40) 1,2,4,5-Tetrachloroben...	9.128	216	262276	42.111	ng		98
41) Hexachlorocyclopentadiene	9.116	237	322352	79.544	ng		99
43) 2,4,6-Trichlorophenol	9.233	196	180901	41.968	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	191822	44.489	ng		99
46) 1,1'-Biphenyl	9.422	154	716855	42.592	ng		99
47) 2-Chloronaphthalene	9.445	162	527552	42.362	ng		100
48) 2-Nitroaniline	9.533	65	184021	47.120	ng		98
49) Acenaphthylene	9.863	152	884601	42.386	ng		100
50) Dimethylphthalate	9.716	163	624497	44.412	ng		100
51) 2,6-Dinitrotoluene	9.775	165	138044	48.259	ng		99
52) Acenaphthene	10.033	154	590828	47.898	ng		98
53) 3-Nitroaniline	9.945	138	99660	29.786	ng		99
54) 2,4-Dinitrophenol	10.051	184	148155	111.422	ng	#	1
55) Dibenzofuran	10.210	168	761303	41.570	ng		99
56) 4-Nitrophenol	10.110	139	217254	86.955	ng		97
57) 2,4-Dinitrotoluene	10.180	165	185206	51.607	ng		98
58) Fluorene	10.551	166	598771	43.563	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.327	232	164010	45.920	ng		98
60) Diethylphthalate	10.416	149	627013	45.114	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	297085	43.407	ng		99
62) 4-Nitroaniline	10.563	138	137830	48.065	ng		96
63) Azobenzene	10.698	77	613274	42.338	ng		100
65) 4,6-Dinitro-2-methylph...	10.592	198	96709	50.139	ng		100
66) n-Nitrosodiphenylamine	10.657	169	531852	41.273	ng		99
67) 4-Bromophenyl-phenylether	11.027	248	184379	42.277	ng		98
68) Hexachlorobenzene	11.104	284	192968	42.333	ng		98
69) Atrazine	11.180	200	170351	47.951	ng		99
70) Pentachlorophenol	11.292	266	227184	84.749	ng		100
71) Phenanthrene	11.516	178	830850	42.759	ng		100
72) Anthracene	11.563	178	847924	42.787	ng		100
73) Carbazole	11.716	167	767496	44.353	ng		100
74) Di-n-butylphthalate	12.045	149	915048	46.734	ng		100
75) Fluoranthene	12.704	202	820690	46.016	ng		99
77) Benzidine	12.816	184	249637	30.422	ng		99
78) Pyrene	12.933	202	814026	44.783	ng		99
80) Butylbenzylphthalate	13.539	149	310693	55.818	ng		99
81) Benzo(a)anthracene	14.115	228	642816	45.080	ng		99
82) 3,3'-Dichlorobenzidine	14.074	252	129138	27.172	ng		99
83) Chrysene	14.157	228	550773	42.960	ng		100
84) Bis(2-ethylhexyl)phtha...	14.104	149	408428	48.479	ng		100
85) Di-n-octyl phthalate	14.715	149	660955	43.281	ng		98
87) Indeno(1,2,3-cd)pyrene	17.180	276	659532	44.065	ng		97
88) Benzo(b)fluoranthene	15.192	252	568804	43.865	ng		99
89) Benzo(k)fluoranthene	15.221	252	550326	47.560	ng		98
90) Benzo(a)pyrene	15.574	252	539386	45.147	ng		99
91) Dibenzo(a,h)anthracene	17.198	278	536193	44.014	ng		97
92) Benzo(g,h,i)perylene	17.651	276	521556	44.258	ng		98

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

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