Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061925\
Data File : BF142798.D
Acq On : 19 Jun 2025 22:40
Operator : RC/JU
Sample : PB168536BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 24 05:42:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168536BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/24/2025
Supervised By :Jagrut Upadhyay 06/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	83355	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	309768	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	161197	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	265537	20.000	ng	0.00
76) Chrysene-d12	14.057	240	157463	20.000	ng	0.00
86) Perylene-d12	15.551	264	179007	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	625056	124.848	ng	0.01
7) Phenol-d6	6.516	99	733919	124.251	ng	0.00
23) Nitrobenzene-d5	7.445	82	458408	81.171	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	220421	132.878	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	972463	79.251	ng	0.00
79) Terphenyl-d14	12.998	244	873008	76.604	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	71718	35.814	ng	100
3) Pyridine	3.481	79	198286	39.498	ng	98
4) n-Nitrosodimethylamine	3.434	42	114895	44.258	ng	99
6) Aniline	6.545	93	258391	32.877	ng	98
8) 2-Chlorophenol	6.669	128	245036	45.372	ng	97
9) Benzaldehyde	6.434	77	154180	43.997	ng	99
10) Phenol	6.528	94	281731	42.909	ng	94
11) bis(2-Chloroethyl)ether	6.616	93	214252	45.657	ng	99
12) 1,3-Dichlorobenzene	6.822	146	265563	43.968	ng	99
13) 1,4-Dichlorobenzene	6.898	146	268195	44.011	ng	99
14) 1,2-Dichlorobenzene	7.051	146	258499	44.723	ng	99
15) Benzyl Alcohol	7.022	79	192916	45.178	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	335358	44.481	ng	99
17) 2-Methylphenol	7.134	107	184407	45.058	ng	98
18) Hexachloroethane	7.392	117	95461	44.787	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	154685	45.027	ng	100
20) 3+4-Methylphenols	7.287	107	227760	44.634	ng	98
22) Acetophenone	7.292	105	311793	45.644	ng	100
24) Nitrobenzene	7.463	77	232428	45.472	ng	99
25) Isophorone	7.704	82	412390	45.521	ng	100
26) 2-Nitrophenol	7.781	139	132472	47.576	ng	100
27) 2,4-Dimethylphenol	7.816	122	215585	44.698	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	264787	45.974	ng	100
29) 2,4-Dichlorophenol	8.022	162	196645	44.966	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	220256	45.802	ng	99
31) Naphthalene	8.187	128	688912	45.435	ng	100
32) Benzoic acid	7.934	122	121104	49.263	ng	96
33) 4-Chloroaniline	8.234	127	117766	19.101	ng	98
34) Hexachlorobutadiene	8.304	225	134963	45.883	ng	100
35) Caprolactam	8.604	113	55926m	48.463	ng	
36) 4-Chloro-3-methylphenol	8.716	107	195799	45.050	ng	99
37) 2-Methylnaphthalene	8.881	142	425492	45.264	ng	100
38) 1-Methylnaphthalene	8.981	142	438148	45.026	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	215266	45.258	ng	99
41) Hexachlorocyclopentadiene	9.034	237	269060	99.683	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	141207	45.560	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	144269	44.218	ng	99
46) 1,1'-Biphenyl	9.345	154	578239	45.410	ng	100
47) 2-Chloronaphthalene	9.369	162	424437	44.417	ng	99
48) 2-Nitroaniline	9.463	65	121311	45.282	ng	97
49) Acenaphthylene	9.786	152	699789	44.485	ng	100
50) Dimethylphthalate	9.645	163	476429	45.660	ng	100
51) 2,6-Dinitrotoluene	9.704	165	107112	46.744	ng	99
52) Acenaphthene	9.957	154	480245	50.037	ng	99
53) 3-Nitroaniline	9.875	138	61523	24.385	ng	100
54) 2,4-Dinitrophenol	9.986	184	130635	113.854	ng	95
55) Dibenzofuran	10.128	168	615545	44.725	ng	99
56) 4-Nitrophenol	10.039	139	168132	97.343	ng	97
57) 2,4-Dinitrotoluene	10.110	165	147507	48.462	ng	98
58) Fluorene	10.475	166	477642	44.438	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	121792	46.311	ng	96
60) Diethylphthalate	10.345	149	477692	46.692	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	228224	44.496	ng	99
62) 4-Nitroaniline	10.492	138	104723	45.386	ng	99
63) Azobenzene	10.622	77	414351	45.315	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	79081	49.237	ng	98
66) n-Nitrosodiphenylamine	10.581	169	412551	44.829	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	138555	45.848	ng	95
68) Hexachlorobenzene	11.022	284	153776	45.794	ng	99
69) Atrazine	11.110	200	121265	51.027	ng	100
70) Pentachlorophenol	11.216	266	164469	98.290	ng	99
71) Phenanthrene	11.439	178	650212	45.203	ng	100
72) Anthracene	11.486	178	663251	44.959	ng	100
73) Carbazole	11.645	167	589939	46.340	ng	100
74) Di-n-butylphthalate	11.969	149	664973	50.141	ng	100
75) Fluoranthene	12.627	202	631787	46.280	ng	100
77) Benzidine	12.745	184	235765	39.852	ng	99
78) Pyrene	12.857	202	637679	43.204	ng	99
80) Butylbenzylphthalate	13.474	149	223198	52.132	ng	96
81) Benzo(a)anthracene	14.045	228	493037	46.414	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	68848	19.982	ng	99
83) Chrysene	14.086	228	462320	48.774	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	307417	49.906	ng	99
85) Di-n-octyl phthalate	14.645	149	548122	47.189	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	624221	45.781	ng	99
88) Benzo(b)fluoranthene	15.110	252	538352	51.974	ng	100
89) Benzo(k)fluoranthene	15.139	252	438761	45.276	ng	99
90) Benzo(a)pyrene	15.486	252	487619	48.729	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	507840	45.840	ng	100
92) Benzo(g,h,i)perylene	17.521	276	505570	45.765	ng	99

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

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