Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142592.D
Acq On : 02 Jun 2025 12:28
Operator : RC/JU
Sample : PB168219BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 02 13:07:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168219BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli
06/03/2025
Supervised By :Jagrut Upadhyay
06/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	123772	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	484044	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	269556	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	469369	20.000	ng	0.00
76) Chrysene-d12	14.074	240	247434	20.000	ng	0.00
86) Perylene-d12	15.568	264	265001	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	893728	121.652	ng	0.01
7) Phenol-d6	6.528	99	1090393	123.298	ng	0.00
23) Nitrobenzene-d5	7.463	82	668024	75.255	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	377621	126.222	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1425411	70.958	ng	-0.01
79) Terphenyl-d14	13.016	244	1391721	76.863	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	107857	36.688	ng	99
3) Pyridine	3.516	79	300091	40.085	ng	98
4) n-Nitrosodimethylamine	3.475	42	159932	41.145	ng	90
6) Aniline	6.563	93	348958	29.347	ng	99
8) 2-Chlorophenol	6.681	128	351526	43.930	ng	99
9) Benzaldehyde	6.451	77	182656	34.340	ng	99
10) Phenol	6.545	94	416881	41.894	ng	95
11) bis(2-Chloroethyl)ether	6.634	93	311938	43.549	ng	99
12) 1,3-Dichlorobenzene	6.840	146	370373	41.479	ng	98
13) 1,4-Dichlorobenzene	6.916	146	378451	42.077	ng	99
14) 1,2-Dichlorobenzene	7.069	146	362468	42.116	ng	99
15) Benzyl Alcohol	7.040	79	280457	42.914	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	505428	42.017	ng	95
17) 2-Methylphenol	7.151	107	272793	43.664	ng	99
18) Hexachloroethane	7.410	117	132072	42.052	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	225840	41.205	ng	99
20) 3+4-Methylphenols	7.304	107	336295	42.034	ng	98
22) Acetophenone	7.310	105	446769	41.695	ng	99
24) Nitrobenzene	7.481	77	337169	42.114	ng	100
25) Isophorone	7.722	82	623535	42.013	ng	98
26) 2-Nitrophenol	7.798	139	187806	43.901	ng	97
27) 2,4-Dimethylphenol	7.834	122	328468	43.539	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	394805	42.584	ng	99
29) 2,4-Dichlorophenol	8.039	162	299753	43.690	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	315137	42.324	ng	98
31) Naphthalene	8.204	128	1002770	42.073	ng	100
32) Benzoic acid	7.957	122	213999	46.599	ng	98
33) 4-Chloroaniline	8.251	127	147699	15.293	ng	99
34) Hexachlorobutadiene	8.322	225	192731	41.455	ng	100
35) Caprolactam	8.622	113	95883m	49.760	ng	
36) 4-Chloro-3-methylphenol	8.734	107	305966	43.515	ng	96
37) 2-Methylnaphthalene	8.898	142	630036	42.018	ng	100
38) 1-Methylnaphthalene	8.998	142	654235	42.182	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	318323	41.139	ng	99
41) Hexachlorocyclopentadiene	9.051	237	421008	80.655	ng	98
43) 2,4,6-Trichlorophenol	9.175	196	222630	42.668	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	240616	43.726	ng	97
46) 1,1'-Biphenyl	9.363	154	860487	41.147	ng	100
47) 2-Chloronaphthalene	9.386	162	640633	41.462	ng	98
48) 2-Nitroaniline	9.481	65	193882	43.413	ng	97
49) Acenaphthylene	9.804	152	1084254	41.558	ng	99
50) Dimethylphthalate	9.663	163	777119	43.692	ng	100
51) 2,6-Dinitrotoluene	9.722	165	173662	45.238	ng	99
52) Acenaphthene	9.975	154	735378	46.159	ng	99
53) 3-Nitroaniline	9.892	138	95180	22.700	ng	98
54) 2,4-Dinitrophenol	10.004	184	198936	100.306	ng	92
55) Dibenzofuran	10.145	168	955548	41.680	ng	99
56) 4-Nitrophenol	10.057	139	287048	92.784	ng	97
57) 2,4-Dinitrotoluene	10.128	165	239370	47.746	ng	99
58) Fluorene	10.492	166	748620	42.268	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	201778	43.923	ng	100
60) Diethylphthalate	10.363	149	759799	43.740	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	365251	41.981	ng	97
62) 4-Nitroaniline	10.510	138	178824	47.025	ng	96
63) Azobenzene	10.639	77	669643	42.920	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	128630	49.106	ng	96
66) n-Nitrosodiphenylamine	10.598	169	665183	41.424	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	232770	41.941	ng	96
68) Hexachlorobenzene	11.039	284	260699	42.470	ng	99
69) Atrazine	11.128	200	206186	48.348	ng	99
70) Pentachlorophenol	11.233	266	295434	85.247	ng	99
71) Phenanthrene	11.457	178	1052855	41.973	ng	100
72) Anthracene	11.510	178	1082231	42.274	ng	99
73) Carbazole	11.657	167	964924	44.090	ng	100
74) Di-n-butylphthalate	11.986	149	1105835	46.162	ng	100
75) Fluoranthene	12.645	202	1034243	44.126	ng	98
77) Benzidine	12.763	184	298141	32.379	ng	99
78) Pyrene	12.874	202	1021768	44.267	ng	100
80) Butylbenzylphthalate	13.486	149	328403	51.490	ng	99
81) Benzo(a)anthracene	14.063	228	731754	44.288	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	109138	21.778	ng	99
83) Chrysene	14.098	228	647743	43.629	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	408375	50.017	ng	99
85) Di-n-octyl phthalate	14.657	149	702044	43.975	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	846572	42.553	ng	99
88) Benzo(b)fluoranthene	15.127	252	668530	42.625	ng	99
89) Benzo(k)fluoranthene	15.157	252	654833	44.577	ng	99
90) Benzo(a)pyrene	15.504	252	649734	43.949	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	689215	42.714	ng	99
92) Benzo(g,h,i)perylene	17.545	276	676410	41.912	ng	98

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

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