Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142529.D
Acq On : 23 May 2025 12:10
Operator : RC/JU
Sample : PB168126BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 23 12:54:42 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 :
PB168126BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/27/2025
Supervised By :Jagrut Upadhyay 05/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.899	152	113674	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	445507	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	254111	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	449715	20.000	ng	0.00
76) Chrysene-d12	14.075	240	246622	20.000	ng	0.00
86) Perylene-d12	15.563	264	234935	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	807956	119.747	ng	0.00
7) Phenol-d6	6.528	99	994584	122.455	ng	0.00
23) Nitrobenzene-d5	7.463	82	606849	74.277	ng	-0.01
42) 2,4,6-Tribromophenol	10.734	330	349569	123.947	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1324753	69.955	ng	-0.01
79) Terphenyl-d14	13.016	244	1342706	74.400	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	98572	36.509	ng	98
3) Pyridine	3.516	79	276280	40.183	ng	100
4) n-Nitrosodimethylamine	3.475	42	157783	44.198	ng	97
6) Aniline	6.563	93	351274	32.166	ng	99
8) 2-Chlorophenol	6.681	128	325414	44.279	ng	98
9) Benzaldehyde	6.446	77	187401	38.362	ng	97
10) Phenol	6.540	94	397040	43.445	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	290734	44.194	ng	99
12) 1,3-Dichlorobenzene	6.840	146	345180	42.092	ng	99
13) 1,4-Dichlorobenzene	6.916	146	347061	42.014	ng	99
14) 1,2-Dichlorobenzene	7.069	146	335938	42.501	ng	99
15) Benzyl Alcohol	7.040	79	268466	44.728	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	477728	43.242	ng	99
17) 2-Methylphenol	7.146	107	257655	44.905	ng	100
18) Hexachloroethane	7.410	117	121175	42.010	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	215732	42.858	ng	99
20) 3+4-Methylphenols	7.298	107	324110	44.110	ng	91
22) Acetophenone	7.304	105	422592	42.850	ng	95
24) Nitrobenzene	7.481	77	318115	43.171	ng	99
25) Isophorone	7.722	82	594145	43.496	ng	99
26) 2-Nitrophenol	7.798	139	175363	44.538	ng	97
27) 2,4-Dimethylphenol	7.834	122	310773	44.757	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	365524	42.836	ng	100
29) 2,4-Dichlorophenol	8.040	162	285033	45.139	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	291232	42.496	ng	98
31) Naphthalene	8.204	128	935463	42.644	ng	100
32) Benzoic acid	7.951	122	207650	49.128	ng	99
33) 4-Chloroaniline	8.251	127	118056	13.281	ng	97
34) Hexachlorobutadiene	8.322	225	178500	41.715	ng	100
35) Caprolactam	8.622	113	91196m	51.421	ng	
36) 4-Chloro-3-methylphenol	8.734	107	294851	45.562	ng	97
37) 2-Methylnaphthalene	8.893	142	592585	42.939	ng	99
38) 1-Methylnaphthalene	8.992	142	613178	42.954	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	296126	40.596	ng	99
41) Hexachlorocyclopentadiene	9.051	237	414238	84.182	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	213449	43.395	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	225202	43.412	ng	100
46) 1,1'-Biphenyl	9.363	154	813284	41.253	ng	100
47) 2-Chloronaphthalene	9.387	162	605089	41.542	ng	99
48) 2-Nitroaniline	9.481	65	186547	44.309	ng	98
49) Acenaphthylene	9.804	152	1027896	41.792	ng	100
50) Dimethylphthalate	9.663	163	739280	44.091	ng	99
51) 2,6-Dinitrotoluene	9.722	165	162823	44.993	ng	99
52) Acenaphthene	9.975	154	699992	46.609	ng	100
53) 3-Nitroaniline	9.892	138	95066	24.051	ng	97
54) 2,4-Dinitrophenol	9.998	184	201816	107.944	ng	92
55) Dibenzofuran	10.145	168	913241	42.256	ng	99
56) 4-Nitrophenol	10.051	139	288345	98.868	ng	98
57) 2,4-Dinitrotoluene	10.128	165	226154	47.852	ng	98
58) Fluorene	10.492	166	706574	42.319	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	197220	45.540	ng	99
60) Diethylphthalate	10.363	149	728922	44.513	ng	100
61) 4-Chlorophenyl-phenyle...	10.481	204	344381	41.988	ng	99
62) 4-Nitroaniline	10.510	138	174767	48.752	ng	98
63) Azobenzene	10.639	77	642956	43.714	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	122904	48.971	ng	97
66) n-Nitrosodiphenylamine	10.598	169	632663	41.120	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	219727	41.321	ng	97
68) Hexachlorobenzene	11.039	284	246901	41.980	ng	98
69) Atrazine	11.128	200	197434	48.319	ng	100
70) Pentachlorophenol	11.234	266	298833	89.996	ng	99
71) Phenanthrene	11.457	178	1013925	42.188	ng	100
72) Anthracene	11.504	178	1035513	42.217	ng	100
73) Carbazole	11.657	167	945018	45.067	ng	99
74) Di-n-butylphthalate	11.986	149	1089295	47.458	ng	99
75) Fluoranthene	12.645	202	1023203	45.563	ng	100
77) Benzidine	12.763	184	396998	43.258	ng	100
78) Pyrene	12.875	202	1016690	44.192	ng	100
80) Butylbenzylphthalate	13.486	149	332970	52.378	ng	100
81) Benzo(a)anthracene	14.063	228	746333	45.319	ng	99
82) 3,3'-Dichlorobenzidine	14.022	252	103235	20.668	ng	99
83) Chrysene	14.098	228	649255	43.875	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	393421	48.344	ng	99
85) Di-n-octyl phthalate	14.663	149	634752	39.891	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	759914	43.085	ng	99
88) Benzo(b)fluoranthene	15.121	252	645631	46.433	ng	98
89) Benzo(k)fluoranthene	15.157	252	584292	44.866	ng	99
90) Benzo(a)pyrene	15.504	252	598750	45.684	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	616642	43.107	ng	100
92) Benzo(g,h,i)perylene	17.539	276	618556	43.232	ng	99

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

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