Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142725.D
Acq On : 11 Jun 2025 10:22
Operator : RC/JU
Sample : PB168376BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 11 11:13:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168376BS

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 06/12/2025
Supervised By :Jagrut Upadhyay 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	83835	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	326703	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	180412	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	308296	20.000	ng	0.00
76) Chrysene-d12	14.068	240	158833	20.000	ng	0.00
86) Perylene-d12	15.562	264	161986	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	580030	117.836	ng	0.02
7) Phenol-d6	6.528	99	691497	119.370	ng	0.00
23) Nitrobenzene-d5	7.457	82	436631	73.142	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	243155	122.974	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	992837	73.113	ng	0.00
79) Terphenyl-d14	13.010	244	954097	82.501	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.775	88	66149	33.957	ng	99
3) Pyridine	3.528	79	186013	38.082	ng	99
4) n-Nitrosodimethylamine	3.487	42	104338	41.750	ng	99
6) Aniline	6.557	93	253774	32.731	ng	97
8) 2-Chlorophenol	6.681	128	229918	42.742	ng	97
9) Benzaldehyde	6.445	77	110710	30.861	ng	99
10) Phenol	6.539	94	267685	41.572	ng	94
11) bis(2-Chloroethyl)ether	6.628	93	204823	42.587	ng	99
12) 1,3-Dichlorobenzene	6.834	146	250548	40.813	ng	99
13) 1,4-Dichlorobenzene	6.910	146	252609	40.716	ng	99
14) 1,2-Dichlorobenzene	7.063	146	240865	40.501	ng	100
15) Benzyl Alcohol	7.034	79	190494	43.508	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	307209	40.570	ng	99
17) 2-Methylphenol	7.145	107	178635	43.318	ng	100
18) Hexachloroethane	7.404	117	90276	40.603	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	153514	41.627	ng	99
20) 3+4-Methylphenols	7.298	107	221436	42.592	ng	99
22) Acetophenone	7.304	105	303454	41.756	ng	99
24) Nitrobenzene	7.475	77	223324	42.151	ng	98
25) Isophorone	7.716	82	422503	41.801	ng	100
26) 2-Nitrophenol	7.792	139	127442	43.100	ng	99
27) 2,4-Dimethylphenol	7.828	122	216048	42.915	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	260828	41.564	ng	99
29) 2,4-Dichlorophenol	8.033	162	200329	43.119	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	211939	41.283	ng	99
31) Naphthalene	8.198	128	670455	41.495	ng	100
32) Benzoic acid	7.957	122	128911	45.468	ng	99
33) 4-Chloroaniline	8.245	127	137411	21.181	ng	99
34) Hexachlorobutadiene	8.316	225	134679	41.167	ng	98
35) Caprolactam	8.622	113	59769m	47.659	ng	
36) 4-Chloro-3-methylphenol	8.728	107	208372	43.133	ng	97
37) 2-Methylnaphthalene	8.892	142	423677	41.428	ng	98
38) 1-Methylnaphthalene	8.992	142	442423	41.760	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	218030	41.755	ng	99
41) Hexachlorocyclopentadiene	9.045	237	293801	87.666	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	149594	44.257	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	152133	41.672	ng	98
46) 1,1'-Biphenyl	9.357	154	581527	41.510	ng	100
47) 2-Chloronaphthalene	9.380	162	434027	42.053	ng	99
48) 2-Nitroaniline	9.480	65	127361	43.387	ng	96
49) Acenaphthylene	9.798	152	734342	42.197	ng	100
50) Dimethylphthalate	9.657	163	527911	43.819	ng	100
51) 2,6-Dinitrotoluene	9.722	165	112140	43.068	ng	94
52) Acenaphthene	9.969	154	512699	47.517	ng	100
53) 3-Nitroaniline	9.886	138	79849	28.273	ng	98
54) 2,4-Dinitrophenol	9.998	184	144304	101.173	ng	92
55) Dibenzofuran	10.145	168	642292	41.803	ng	100
56) 4-Nitrophenol	10.057	139	183656	95.881	ng	100
57) 2,4-Dinitrotoluene	10.127	165	157845	45.850	ng	98
58) Fluorene	10.486	166	508917	41.944	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	138564	45.115	ng	97
60) Diethylphthalate	10.357	149	532883	44.607	ng	100
61) 4-Chlorophenyl-phenyle...	10.474	204	248130	41.875	ng	98
62) 4-Nitroaniline	10.510	138	115198	45.594	ng	98
63) Azobenzene	10.639	77	454272	43.540	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	90283	46.764	ng	97
66) n-Nitrosodiphenylamine	10.598	169	449532	42.420	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	156999	43.142	ng	98
68) Hexachlorobenzene	11.033	284	173469	42.943	ng	99
69) Atrazine	11.121	200	138694	49.090	ng	99
70) Pentachlorophenol	11.233	266	190489	89.961	ng	98
71) Phenanthrene	11.451	178	701943	42.499	ng	100
72) Anthracene	11.504	178	735078	43.022	ng	100
73) Carbazole	11.657	167	636939	44.529	ng	100
74) Di-n-butylphthalate	11.980	149	759535	47.554	ng	99
75) Fluoranthene	12.639	202	696379	44.340	ng	99
77) Benzidine	12.757	184	210533	37.219	ng	99
78) Pyrene	12.868	202	687115	46.551	ng	100
80) Butylbenzylphthalate	13.480	149	216900	49.693	ng	100
81) Benzo(a)anthracene	14.057	228	491932	46.738	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	78974	23.268	ng	99
83) Chrysene	14.098	228	414848	42.690	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	289978	44.268	ng	100
85) Di-n-octyl phthalate	14.657	149	530471	42.210	ng	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	515505	42.944	ng	99
88) Benzo(b)fluoranthene	15.121	252	438882	46.014	ng	100
89) Benzo(k)fluoranthene	15.151	252	390129	42.156	ng	99
90) Benzo(a)pyrene	15.504	252	408503	45.046	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	423087	43.165	ng	99
92) Benzo(g,h,i)perylene	17.545	276	411061	42.174	ng	99

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

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