Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
Data File : BF144124.D
Acq On : 29 Oct 2025 13:00
Operator : RC/JU
Sample : PB170259BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 29 13:22:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170259BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/30/2025
Supervised By :Jagrut Upadhyay 10/30/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	66576	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	250216	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	143084	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	234592	20.000	ng		0.00
76) Chrysene-d12	14.057	240	143872	20.000	ng		0.00
86) Perylene-d12	15.539	264	198298	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	479300	113.900	ng		0.01
7) Phenol-d6	6.510	99	533306	114.755	ng		0.00
23) Nitrobenzene-d5	7.440	82	357733	78.329	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	212339	116.502	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	751579	73.917	ng		0.00
79) Terphenyl-d14	12.992	244	750516	91.197	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	63724	35.044	ng		98
3) Pyridine	3.469	79	181702	37.325	ng		96
4) n-Nitrosodimethylamine	3.416	42	120212	40.187	ng		92
6) Aniline	6.540	93	203039	30.538	ng		97
8) 2-Chlorophenol	6.663	128	173281	41.814	ng		100
9) Benzaldehyde	6.428	77	98015	27.164	ng		99
10) Phenol	6.522	94	232673	40.581	ng		99
11) bis(2-Chloroethyl)ether	6.610	93	178703	43.134	ng		99
12) 1,3-Dichlorobenzene	6.816	146	219433	42.925	ng		100
13) 1,4-Dichlorobenzene	6.893	146	219038	43.478	ng		98
14) 1,2-Dichlorobenzene	7.045	146	213522	43.803	ng		99
15) Benzyl Alcohol	7.022	79	167277	44.267	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	334423	42.949	ng		97
17) 2-Methylphenol	7.128	107	139383	43.731	ng		96
18) Hexachloroethane	7.387	117	73893	41.025	ng		97
19) n-Nitroso-di-n-propyla...	7.287	70	132419	44.062	ng		98
20) 3+4-Methylphenols	7.281	107	160662	42.640	ng	#	87
22) Acetophenone	7.287	105	259849	48.054	ng		96
24) Nitrobenzene	7.463	77	205942	42.627	ng		99
25) Isophorone	7.698	82	361033	45.216	ng		99
26) 2-Nitrophenol	7.775	139	102108	44.427	ng		95
27) 2,4-Dimethylphenol	7.810	122	163534	47.881	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	221216	44.426	ng		98
29) 2,4-Dichlorophenol	8.016	162	167860	42.262	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	187378	45.857	ng		96
31) Naphthalene	8.181	128	508690	43.074	ng		99
32) Benzoic acid	7.934	122	109157	50.385	ng		85
33) 4-Chloroaniline	8.234	127	56441	13.729	ng		97
34) Hexachlorobutadiene	8.298	225	134424	40.232	ng		98
35) Caprolactam	8.598	113	48341m	48.534	ng		
36) 4-Chloro-3-methylphenol	8.716	107	159115	45.395	ng		96
37) 2-Methylnaphthalene	8.875	142	311580	40.017	ng		96
38) 1-Methylnaphthalene	8.975	142	316489	42.904	ng		98
40) 1,2,4,5-Tetrachloroben...	9.039	216	213852	43.488	ng		99
41) Hexachlorocyclopentadiene	9.028	237	187232	123.273	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	133277	41.697	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	138074	41.160	ng	93
46) 1,1'-Biphenyl	9.339	154	455556	44.477	ng	99
47) 2-Chloronaphthalene	9.363	162	354961	41.366	ng	96
48) 2-Nitroaniline	9.463	65	107627	42.238	ng	96
49) Acenaphthylene	9.781	152	536680	46.384	ng	100
50) Dimethylphthalate	9.639	163	400761	42.730	ng	99
51) 2,6-Dinitrotoluene	9.704	165	86195	46.488	ng	90
52) Acenaphthene	9.951	154	300146	38.843	ng	97
53) 3-Nitroaniline	9.869	138	47787	23.181	ng	99
54) 2,4-Dinitrophenol	9.981	184	83994	83.757	ng	96
55) Dibenzofuran	10.128	168	444695	41.454	ng	97
56) 4-Nitrophenol	10.033	139	111693	80.014	ng	93
57) 2,4-Dinitrotoluene	10.110	165	110443	44.135	ng	94
58) Fluorene	10.469	166	347631	42.530	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	110286	46.654	ng	98
60) Diethylphthalate	10.339	149	374970	42.513	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	190989	41.550	ng	98
62) 4-Nitroaniline	10.486	138	81223	41.584	ng	95
63) Azobenzene	10.622	77	355266	42.557	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	64003	42.524	ng	98
66) n-Nitrosodiphenylamine	10.575	169	335371	44.744	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	131330	44.712	ng	98
68) Hexachlorobenzene	11.016	284	159219	44.199	ng	98
69) Atrazine	11.104	200	112388	45.694	ng	98
70) Pentachlorophenol	11.216	266	153246	89.373	ng	98
71) Phenanthrene	11.433	178	499931	42.900	ng	98
72) Anthracene	11.486	178	519838	43.182	ng	99
73) Carbazole	11.639	167	434519	42.406	ng	100
74) Di-n-butylphthalate	11.963	149	520692	41.448	ng	100
75) Fluoranthene	12.622	202	506120	39.311	ng	100
77) Benzidine	12.745	184	147353	32.909	ng	99
78) Pyrene	12.851	202	502706	48.602	ng	99
80) Butylbenzylphthalate	13.469	149	178851	45.706	ng	97
81) Benzo(a)anthracene	14.045	228	442138	45.474	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	77862	23.005	ng	99
83) Chrysene	14.080	228	405384	44.431	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	245421	45.942	ng	99
85) Di-n-octyl phthalate	14.639	149	431238	46.941	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	620917	45.608	ng	98
88) Benzo(b)fluoranthene	15.104	252	484784	43.244	ng	98
89) Benzo(k)fluoranthene	15.133	252	471937	45.628	ng	99
90) Benzo(a)pyrene	15.474	252	476910	47.420	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	512103	47.520	ng	99
92) Benzo(g,h,i)perylene	17.498	276	513596	47.402	ng	98

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

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