Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
Data File : BF142861.D
Acq On : 26 Jun 2025 11:36
Operator : RC/JU
Sample : PB168614BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 26 12:15:53 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 :
PB168614BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli
06/27/2025
Supervised By :Jagrut Upadhyay
06/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	87019	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	334350	20.000	ng	0.00
39) Acenaphthene-d10	9.921	164	184301	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	326170	20.000	ng	0.00
76) Chrysene-d12	14.057	240	189685	20.000	ng	0.00
86) Perylene-d12	15.545	264	167960	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	691310	132.268	ng	0.02
7) Phenol-d6	6.510	99	833635	135.191	ng	0.00
23) Nitrobenzene-d5	7.439	82	521180	85.501	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	279083	147.150	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1126344	80.284	ng	0.00
79) Terphenyl-d14	12.998	244	1190114	86.690	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	73603	35.208	ng	99
3) Pyridine	3.492	79	201367	38.423	ng	98
4) n-Nitrosodimethylamine	3.451	42	114527	42.259	ng	99
6) Aniline	6.539	93	252617	30.789	ng	# 85
8) 2-Chlorophenol	6.663	128	253081	44.888	ng	97
9) Benzaldehyde	6.428	77	59658	16.307	ng	100
10) Phenol	6.528	94	288719	42.122	ng	84
11) bis(2-Chloroethyl)ether	6.610	93	218137	44.528	ng	98
12) 1,3-Dichlorobenzene	6.816	146	269582	42.754	ng	100
13) 1,4-Dichlorobenzene	6.892	146	274433	43.138	ng	100
14) 1,2-Dichlorobenzene	7.045	146	262937	43.576	ng	99
15) Benzyl Alcohol	7.022	79	199809	44.822	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	332752	42.277	ng	95
17) 2-Methylphenol	7.133	107	189570	44.369	ng	97
18) Hexachloroethane	7.386	117	96150	43.211	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	161033	44.901	ng	98
20) 3+4-Methylphenols	7.286	107	236902	44.471	ng	97
22) Acetophenone	7.286	105	328252	44.521	ng	98
24) Nitrobenzene	7.463	77	239198	43.356	ng	97
25) Isophorone	7.698	82	434502	44.435	ng	100
26) 2-Nitrophenol	7.775	139	138627	46.126	ng	99
27) 2,4-Dimethylphenol	7.816	122	227727	43.744	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	275052	44.245	ng	100
29) 2,4-Dichlorophenol	8.022	162	210877	44.675	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	226774	43.690	ng	100
31) Naphthalene	8.180	128	718796	43.920	ng	100
32) Benzoic acid	7.945	122	134846	50.821	ng	100
33) 4-Chloroaniline	8.233	127	139524	20.966	ng	98
34) Hexachlorobutadiene	8.298	225	141010	44.414	ng	99
35) Caprolactam	8.610	113	67933m	54.539	ng	
36) 4-Chloro-3-methylphenol	8.716	107	218210	46.515	ng	99
37) 2-Methylnaphthalene	8.874	142	452518	44.600	ng	100
38) 1-Methylnaphthalene	8.974	142	469555	44.706	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	228883	42.089	ng	98
41) Hexachlorocyclopentadiene	9.027	237	277718	89.992	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	155483	43.877	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	159767	42.830	ng	99
46) 1,1'-Biphenyl	9.339	154	614169	42.186	ng	100
47) 2-Chloronaphthalene	9.369	162	460263	42.128	ng	100
48) 2-Nitroaniline	9.463	65	137940	45.035	ng	97
49) Acenaphthylene	9.780	152	769347	42.776	ng	100
50) Dimethylphthalate	9.645	163	545646	45.738	ng	100
51) 2,6-Dinitrotoluene	9.704	165	121891	46.525	ng	99
52) Acenaphthene	9.957	154	539450m	49.160	ng	
53) 3-Nitroaniline	9.874	138	84681	29.357	ng	98
54) 2,4-Dinitrophenol	9.986	184	155712	118.697	ng	97
55) Dibenzofuran	10.127	168	678318	43.108	ng	99
56) 4-Nitrophenol	10.045	139	201806	102.192	ng	98
57) 2,4-Dinitrotoluene	10.116	165	171701	49.339	ng	94
58) Fluorene	10.469	166	539266	43.881	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	137769	45.819	ng	97
60) Diethylphthalate	10.345	149	557848	47.691	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	260169	44.366	ng	99
62) 4-Nitroaniline	10.498	138	134161	50.855	ng	98
63) Azobenzene	10.621	77	462664	44.256	ng	99
65) 4,6-Dinitro-2-methylph...	10.527	198	99956	50.665	ng	98
66) n-Nitrosodiphenylamine	10.580	169	479613	42.428	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	161540	43.517	ng	97
68) Hexachlorobenzene	11.021	284	179668	43.558	ng	98
69) Atrazine	11.110	200	151001	51.728	ng	99
70) Pentachlorophenol	11.216	266	202457	98.501	ng	98
71) Phenanthrene	11.433	178	780620	44.181	ng	99
72) Anthracene	11.486	178	799654	44.129	ng	100
73) Carbazole	11.639	167	729365	46.642	ng	100
74) Di-n-butylphthalate	11.968	149	861883	52.908	ng	100
75) Fluoranthene	12.627	202	801546	47.801	ng	100
77) Benzidine	12.745	184	286817	40.246	ng	99
78) Pyrene	12.857	202	804318	45.237	ng	99
80) Butylbenzylphthalate	13.468	149	283530	54.975	ng	97
81) Benzo(a)anthracene	14.045	228	583116	45.569	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	109000	26.262	ng	99
83) Chrysene	14.080	228	523230	45.823	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	322639	43.480	ng	99
85) Di-n-octyl phthalate	14.639	149	503190	35.962	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	558171	43.630	ng	99
88) Benzo(b)fluoranthene	15.109	252	468473	48.202	ng	100
89) Benzo(k)fluoranthene	15.139	252	428329	47.106	ng	99
90) Benzo(a)pyrene	15.480	252	435803	46.416	ng	100
91) Dibenzo(a,h)anthracene	17.074	278	452809	43.561	ng	99
92) Benzo(g,h,i)perylene	17.515	276	452739	43.678	ng	99

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

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