Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144076.D
Acq On : 27 Oct 2025 11:27
Operator : RC/JU
Sample : PB170206BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 27 11:51:04 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 :
PB170206BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/28/2025
Supervised By :mohammad ahmed 10/30/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	61653	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	230299	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	126935	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	219220	20.000	ng	0.00
76) Chrysene-d12	14.057	240	125508	20.000	ng	0.00
86) Perylene-d12	15.545	264	170803	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	420955	108.023	ng	0.01
7) Phenol-d6	6.510	99	483175	112.270	ng	0.00
23) Nitrobenzene-d5	7.446	82	329493	78.385	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	196142	121.307	ng	0.00
45) 2-Fluorobiphenyl	9.240	172	702060	77.831	ng	0.00
79) Terphenyl-d14	12.998	244	687311	95.737	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.711	88	55486	32.950	ng	95
3) Pyridine	3.475	79	162952	36.146	ng	98
4) n-Nitrosodimethylamine	3.422	42	112032	40.443	ng	98
6) Aniline	6.546	93	197243	32.035	ng	98
8) 2-Chlorophenol	6.663	128	154526	40.266	ng	100
9) Benzaldehyde	6.434	77	83201	24.900	ng	98
10) Phenol	6.522	94	208508	39.271	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	157180	40.968	ng	97
12) 1,3-Dichlorobenzene	6.822	146	194241	41.031	ng	99
13) 1,4-Dichlorobenzene	6.898	146	197064	42.240	ng	98
14) 1,2-Dichlorobenzene	7.051	146	188767	41.817	ng	100
15) Benzyl Alcohol	7.022	79	152455	43.566	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	299293	41.507	ng	97
17) 2-Methylphenol	7.134	107	121478	41.157	ng	98
18) Hexachloroethane	7.393	117	66701	39.990	ng	99
19) n-Nitroso-di-n-propyla...	7.293	70	122621	44.060	ng	96
20) 3+4-Methylphenols	7.281	107	149120	42.737	ng	93
22) Acetophenone	7.287	105	234112	47.038	ng	100
24) Nitrobenzene	7.463	77	183540	41.276	ng	100
25) Isophorone	7.698	82	329004	44.768	ng	99
26) 2-Nitrophenol	7.781	139	92552	43.752	ng	94
27) 2,4-Dimethylphenol	7.810	122	149796	47.652	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	200900	43.835	ng	100
29) 2,4-Dichlorophenol	8.022	162	153673	42.036	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	166768	44.342	ng	97
31) Naphthalene	8.187	128	449660	41.369	ng	99
32) Benzoic acid	7.934	122	101741	51.023	ng	87
33) 4-Chloroaniline	8.234	127	87921	23.236	ng	97
34) Hexachlorobutadiene	8.298	225	124657	40.536	ng	98
35) Caprolactam	8.598	113	43523m	47.476	ng	
36) 4-Chloro-3-methylphenol	8.716	107	142318	44.115	ng	98
37) 2-Methylnaphthalene	8.875	142	277936	38.783	ng	96
38) 1-Methylnaphthalene	8.975	142	282025	41.538	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	193244	44.297	ng	99
41) Hexachlorocyclopentadiene	9.028	237	180317	133.824	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	121463	42.835	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	131752	44.272	ng	94
46) 1,1'-Biphenyl	9.339	154	416023	45.784	ng	100
47) 2-Chloronaphthalene	9.369	162	317814	41.749	ng	97
48) 2-Nitroaniline	9.463	65	100849	44.613	ng	98
49) Acenaphthylene	9.781	152	488250	47.567	ng	99
50) Dimethylphthalate	9.639	163	365152	43.887	ng	100
51) 2,6-Dinitrotoluene	9.704	165	76797	46.689	ng	94
52) Acenaphthene	9.957	154	309791	45.192	ng	98
53) 3-Nitroaniline	9.875	138	53614	29.317	ng	99
54) 2,4-Dinitrophenol	9.987	184	84812	95.333	ng	96
55) Dibenzofuran	10.128	168	408424	42.917	ng	97
56) 4-Nitrophenol	10.039	139	103237	83.365	ng	95
57) 2,4-Dinitrotoluene	10.110	165	102869	46.338	ng	95
58) Fluorene	10.469	166	314278	43.341	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	101160m	48.238	ng	
60) Diethylphthalate	10.339	149	344494	44.027	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	176970	43.398	ng	98
62) 4-Nitroaniline	10.492	138	73871	42.632	ng	96
63) Azobenzene	10.622	77	318812	43.049	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	60591	43.080	ng	96
66) n-Nitrosodiphenylamine	10.581	169	306085	43.700	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	118355	43.120	ng	99
68) Hexachlorobenzene	11.022	284	147792	43.904	ng	97
69) Atrazine	11.110	200	98315	42.776	ng	99
70) Pentachlorophenol	11.216	266	143887	89.799	ng	97
71) Phenanthrene	11.439	178	457094	41.974	ng	98
72) Anthracene	11.486	178	467889	41.592	ng	99
73) Carbazole	11.645	167	388915	40.617	ng	98
74) Di-n-butylphthalate	11.969	149	470696	40.095	ng	100
75) Fluoranthene	12.628	202	448694	37.294	ng	99
77) Benzidine	12.751	184	125022	32.007	ng	99
78) Pyrene	12.857	202	459771	50.955	ng	99
80) Butylbenzylphthalate	13.475	149	154922	45.384	ng	99
81) Benzo(a)anthracene	14.051	228	391028	46.101	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	89667	30.369	ng	99
83) Chrysene	14.086	228	343256	43.126	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	197242	42.325	ng	98
85) Di-n-octyl phthalate	14.645	149	346250	43.204	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	537768	45.859	ng	99
88) Benzo(b)fluoranthene	15.110	252	421925	43.695	ng	99
89) Benzo(k)fluoranthene	15.139	252	387464	43.491	ng	99
90) Benzo(a)pyrene	15.480	252	403459	46.574	ng	98
91) Dibenzo(a,h)anthracene	17.068	278	430920	46.423	ng	99
92) Benzo(g,h,i)perylene	17.510	276	449738	48.190	ng	98

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

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