Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102725\
Data File : BF144087.D
Acq On : 27 Oct 2025 17:03
Operator : RC/JU
Sample : Q3395-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-S07-000102-22510170MS

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

Quant Time: Oct 27 17:30:38 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	51657	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	204190	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	116963	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	209682	20.000	ng		0.00
76) Chrysene-d12	14.063	240	136983	20.000	ng		0.00
86) Perylene-d12	15.545	264	173026	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	95508	29.251	ng		0.00
7) Phenol-d6	6.498	99	153786	42.648	ng		0.00
23) Nitrobenzene-d5	7.440	82	154965	41.579	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	123583	82.948	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	337808	40.643	ng		0.00
79) Terphenyl-d14	12.998	244	406286	51.851	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.399	79	9811	2.597	ng		88
6) Aniline	6.540	93	187277	36.303	ng		95
8) 2-Chlorophenol	6.663	128	110729	34.437	ng		98
9) Benzaldehyde	6.428	77	49531	17.692	ng		98
10) Phenol	6.516	94	115817	26.034	ng		94
11) bis(2-Chloroethyl)ether	6.610	93	114324	35.564	ng		95
12) 1,3-Dichlorobenzene	6.816	146	149459	37.681	ng		99
13) 1,4-Dichlorobenzene	6.893	146	148841	38.077	ng		98
14) 1,2-Dichlorobenzene	7.045	146	143873	38.039	ng		98
15) Benzyl Alcohol	7.016	79	109025	37.184	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	241977	40.052	ng		99
17) 2-Methylphenol	7.128	107	92648	37.463	ng		94
18) Hexachloroethane	7.393	117	54199	38.782	ng		95
19) n-Nitroso-di-n-propyla...	7.287	70	100436	43.072	ng		92
20) 3+4-Methylphenols	7.281	107	112089	38.340	ng	#	84
22) Acetophenone	7.287	105	185121	41.951	ng		95
24) Nitrobenzene	7.457	77	143802	36.474	ng		97
25) Isophorone	7.698	82	270587	41.527	ng		99
26) 2-Nitrophenol	7.775	139	75873	40.454	ng		96
27) 2,4-Dimethylphenol	7.810	122	126026	45.216	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	161292	39.693	ng		97
29) 2,4-Dichlorophenol	8.016	162	129985	40.103	ng		98
30) 1,2,4-Trichlorobenzene	8.104	180	137243	41.158	ng		99
31) Naphthalene	8.187	128	381027	39.537	ng		100
32) Benzoic acid	7.928	122	86317	48.823	ng		89
33) 4-Chloroaniline	8.234	127	154295	45.991	ng		98
34) Hexachlorobutadiene	8.298	225	102530	37.603	ng		97
35) Caprolactam	8.598	113	43334m	53.314	ng		
36) 4-Chloro-3-methylphenol	8.710	107	133136	46.545	ng		95
37) 2-Methylnaphthalene	8.875	142	246217	38.750	ng		98
38) 1-Methylnaphthalene	8.975	142	245485	40.780	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	169567	42.183	ng		99
41) Hexachlorocyclopentadiene	9.028	237	106792	86.014	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	113354	43.384	ng		98
44) 2,4,5-Trichlorophenol	9.198	196	120280	43.863	ng		97
46) 1,1'-Biphenyl	9.339	154	372132	44.446	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.369	162	279577	39.857	ng		97
48) 2-Nitroaniline	9.463	65	99394	47.718	ng		97
49) Acenaphthylene	9.781	152	442381	46.773	ng		98
50) Dimethylphthalate	9.639	163	358757	46.794	ng		100
51) 2,6-Dinitrotoluene	9.704	165	74337	49.047	ng		96
52) Acenaphthene	9.957	154	279018	44.173	ng		99
53) 3-Nitroaniline	9.875	138	83912	49.796	ng		96
54) 2,4-Dinitrophenol	9.986	184	57347	69.957	ng		92
55) Dibenzofuran	10.128	168	382278	43.594	ng		98
56) 4-Nitrophenol	10.039	139	109204	95.702	ng		95
57) 2,4-Dinitrotoluene	10.110	165	109086	53.328	ng	#	96
58) Fluorene	10.469	166	307301	45.992	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	101901	52.734	ng	#	99
60) Diethylphthalate	10.339	149	355980	49.373	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	168948	44.963	ng		98
62) 4-Nitroaniline	10.492	138	81536	51.067	ng		98
63) Azobenzene	10.622	77	335906	49.224	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	52095	38.724	ng		98
66) n-Nitrosodiphenylamine	10.581	169	313609	46.811	ng		97
67) 4-Bromophenyl-phenylether	10.951	248	117958	44.931	ng		99
68) Hexachlorobenzene	11.022	284	146442	45.482	ng		97
69) Atrazine	11.110	200	109830	49.959	ng		98
70) Pentachlorophenol	11.216	266	147900	96.502	ng		98
71) Phenanthrene	11.439	178	490419	47.083	ng		99
72) Anthracene	11.486	178	490941	45.626	ng		99
73) Carbazole	11.645	167	422550	46.137	ng		98
74) Di-n-butylphthalate	11.969	149	541405	48.216	ng		100
75) Fluoranthene	12.627	202	512395	44.526	ng		99
77) Benzidine	12.751	184	326909	76.682	ng		99
78) Pyrene	12.857	202	506765	51.458	ng		100
80) Butylbenzylphthalate	13.474	149	194211	52.127	ng		96
81) Benzo(a)anthracene	14.051	228	466010	50.339	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	168947	52.427	ng		97
83) Chrysene	14.086	228	430315	49.535	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	251234	49.395	ng		98
85) Di-n-octyl phthalate	14.645	149	434149	49.634	ng		100
87) Indeno(1,2,3-cd)pyrene	17.051	276	469760	39.545	ng		99
88) Benzo(b)fluoranthene	15.110	252	462962	47.329	ng		98
89) Benzo(k)fluoranthene	15.139	252	480747	53.269	ng		100
90) Benzo(a)pyrene	15.486	252	462948	52.755	ng		100
91) Dibenzo(a,h)anthracene	17.068	278	383642	40.799	ng		99
92) Benzo(g,h,i)perylene	17.504	276	347818	36.791	ng		98

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

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