Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
Data File : BF143928.D
Acq On : 10 Oct 2025 16:49
Operator : RC/JU
Sample : Q3310-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 10 17:17:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.886	152	113164	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	420905	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	206322	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	308746	20.000	ng		0.00
76) Chrysene-d12	14.068	240	255306	20.000	ng		0.00
86) Perylene-d12	15.545	264	243905	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	602384	84.530	ng		0.00
7) Phenol-d6	6.510	99	715021	84.178	ng		0.00
23) Nitrobenzene-d5	7.445	82	411811	59.442	ng		-0.01
42) 2,4,6-Tribromophenol	10.716	330	145989	71.041	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	650734	50.045	ng		-0.01
79) Terphenyl-d14	12.998	244	564040	37.758	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	144972	43.962	ng		97
3) Pyridine	3.451	79	418110	43.553	ng		98
4) n-Nitrosodimethylamine	3.398	42	245380	48.589	ng		92
6) Aniline	6.545	93	373392	29.335	ng		98
8) 2-Chlorophenol	6.669	128	325604	46.743	ng		98
9) Benzaldehyde	6.434	77	201314	30.723	ng		99
10) Phenol	6.522	94	498510	49.090	ng		98
11) bis(2-Chloroethyl)ether	6.616	93	369226	47.068	ng		98
12) 1,3-Dichlorobenzene	6.822	146	388197	46.556	ng		98
13) 1,4-Dichlorobenzene	6.904	146	394175	47.924	ng		98
14) 1,2-Dichlorobenzene	7.051	146	374087	47.483	ng		100
15) Benzyl Alcohol	7.022	79	320503	50.359	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	852689	47.754	ng		100
17) 2-Methylphenol	7.134	107	275272	47.816	ng		99
18) Hexachloroethane	7.398	117	123345	44.967	ng		96
19) n-Nitroso-di-n-propyla...	7.292	70	259881	44.697	ng		98
20) 3+4-Methylphenols	7.286	107	304691	45.666	ng	#	76
22) Acetophenone	7.292	105	460099	51.698	ng		97
24) Nitrobenzene	7.463	77	388139	50.450	ng		99
25) Isophorone	7.704	82	695804	47.632	ng		99
26) 2-Nitrophenol	7.781	139	175412	53.180	ng		98
27) 2,4-Dimethylphenol	7.816	122	316376	53.320	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	444801	48.203	ng		99
29) 2,4-Dichlorophenol	8.022	162	292171	47.273	ng		98
30) 1,2,4-Trichlorobenzene	8.104	180	300734	49.476	ng		99
31) Naphthalene	8.186	128	938705	49.027	ng		100
32) Benzoic acid	7.928	122	207190	50.455	ng		96
33) 4-Chloroaniline	8.233	127	122883	17.112	ng		99
34) Hexachlorobutadiene	8.304	225	192115	45.483	ng		96
35) Caprolactam	8.604	113	95233	48.461	ng		99
36) 4-Chloro-3-methylphenol	8.716	107	270474	45.559	ng		99
37) 2-Methylnaphthalene	8.880	142	542952	42.571	ng		100
38) 1-Methylnaphthalene	8.980	142	543024	43.895	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	321453	56.371	ng		100
41) Hexachlorocyclopentadiene	9.033	237	125116	52.887	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	205359	49.287	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	211202	47.967	ng		98
46) 1,1'-Biphenyl	9.345	154	759271	55.582	ng		100
47) 2-Chloronaphthalene	9.369	162	568718	49.934	ng		97
48) 2-Nitroaniline	9.463	65	198755	55.197	ng		99
49) Acenaphthylene	9.786	152	869861	54.326	ng		100
50) Dimethylphthalate	9.645	163	662822	50.588	ng		100
51) 2,6-Dinitrotoluene	9.704	165	139080	57.245	ng		98
52) Acenaphthene	9.957	154	497931	47.458	ng		99
53) 3-Nitroaniline	9.875	138	107214	36.040	ng		98
54) 2,4-Dinitrophenol	9.980	184	23533	21.281	ng	#	78
55) Dibenzofuran	10.133	168	718551	48.516	ng		99
56) 4-Nitrophenol	10.033	139	199522	88.579	ng		94
57) 2,4-Dinitrotoluene	10.110	165	178154	53.892	ng		99
58) Fluorene	10.475	166	530817	47.498	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	144809m	46.460	ng		
60) Diethylphthalate	10.345	149	600486	49.333	ng		98
61) 4-Chlorophenyl-phenyle...	10.469	204	271508	45.952	ng		98
62) 4-Nitroaniline	10.486	138	117365	41.026	ng		95
63) Azobenzene	10.627	77	654068	51.414	ng		96
65) 4,6-Dinitro-2-methylph...	10.516	198	21237	13.688	ng		96
66) n-Nitrosodiphenylamine	10.586	169	515716	53.198	ng		98
67) 4-Bromophenyl-phenylether	10.957	248	171684	50.316	ng		98
68) Hexachlorobenzene	11.022	284	188054	47.606	ng		98
69) Atrazine	11.110	200	155574	52.947	ng		99
70) Pentachlorophenol	11.222	266	217340	95.798	ng		98
71) Phenanthrene	11.439	178	1128850	75.417	ng		100
72) Anthracene	11.492	178	833372	55.112	ng		100
73) Carbazole	11.645	167	739600	55.225	ng		98
74) Di-n-butylphthalate	11.974	149	835911	53.855	ng		99
75) Fluoranthene	12.633	202	1345400	87.019	ng		99
77) Benzidine	12.751	184	260951	29.437	ng		100
78) Pyrene	12.863	202	1276972	59.995	ng		99
80) Butylbenzylphthalate	13.480	149	368922	53.370	ng		100
81) Benzo(a)anthracene	14.057	228	1142872	68.405	ng		99
82) 3,3'-Dichlorobenzidine	14.015	252	238418	46.826	ng		99
83) Chrysene	14.092	228	1011269	65.399	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	491915	59.034	ng		100
85) Di-n-octyl phthalate	14.657	149	894357	65.348	ng		100
87) Indeno(1,2,3-cd)pyrene	17.051	276	653150	43.703	ng		99
88) Benzo(b)fluoranthene	15.115	252	1101256	78.601	ng		98
89) Benzo(k)fluoranthene	15.145	252	718216	55.399	ng		99
90) Benzo(a)pyrene	15.486	252	805657	66.317	ng		98
91) Dibenzo(a,h)anthracene	17.068	278	466499	38.811	ng		99
92) Benzo(g,h,i)perylene	17.503	276	513188	42.695	ng		97

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

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