Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080625\
Data File : BF143327.D
Acq On : 06 Aug 2025 13:49
Operator : RC/JU
Sample : Q2763-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 06 14:07:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/07/2025
Supervised By :Jagrut Upadhyay 08/07/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	74578	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	245612	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	106750	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	233983	20.000	ng		0.00
76) Chrysene-d12	14.133	240	209809	20.000	ng		0.01
86) Perylene-d12	15.639	264	172965	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.598	112	264439	56.111	ng		0.01
7) Phenol-d6	6.592	99	353169	59.537	ng		0.00
23) Nitrobenzene-d5	7.516	82	199294	40.447	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	91794	83.238	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	326625	41.845	ng		0.00
79) Terphenyl-d14	13.068	244	392101	27.810	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.851	88	80843	36.253	ng		99
3) Pyridine	3.622	79	205272	35.465	ng		98
4) n-Nitrosodimethylamine	3.557	42	106842	35.753	ng		100
6) Aniline	6.622	93	136298	16.487	ng		92
8) 2-Chlorophenol	6.751	128	166666	33.738	ng		98
9) Benzaldehyde	6.510	77	94347	21.211	ng		99
10) Phenol	6.604	94	217216	33.613	ng		100
11) bis(2-Chloroethyl)ether	6.692	93	186828	37.759	ng		96
12) 1,3-Dichlorobenzene	6.904	146	195006	36.339	ng		98
13) 1,4-Dichlorobenzene	6.981	146	194116	35.919	ng		100
14) 1,2-Dichlorobenzene	7.134	146	171469	33.359	ng		98
15) Benzyl Alcohol	7.098	79	141833	31.315	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	270222	29.441	ng		98
17) 2-Methylphenol	7.210	107	117551	28.301	ng		99
18) Hexachloroethane	7.475	117	61740	33.001	ng		97
19) n-Nitroso-di-n-propyla...	7.363	70	112430	29.542	ng		98
20) 3+4-Methylphenols	7.363	107	151333	30.030	ng	#	66
22) Acetophenone	7.363	105	210978	36.282	ng		96
24) Nitrobenzene	7.534	77	174403	37.965	ng		99
25) Isophorone	7.775	82	308576	35.475	ng		99
26) 2-Nitrophenol	7.857	139	79901	40.077	ng		98
27) 2,4-Dimethylphenol	7.892	122	134721	33.151	ng		99
28) bis(2-Chloroethoxy)met...	7.981	93	173537	33.275	ng		99
29) 2,4-Dichlorophenol	8.098	162	114064	33.282	ng		98
30) 1,2,4-Trichlorobenzene	8.181	180	141006	38.083	ng		99
31) Naphthalene	8.263	128	446226	36.890	ng		99
32) Benzoic acid	7.986	122	74437	34.187	ng		97
33) 4-Chloroaniline	8.310	127	82886	16.782	ng		98
34) Hexachlorobutadiene	8.386	225	82482	36.467	ng		99
35) Caprolactam	8.657	113	39686	38.320	ng		96
36) 4-Chloro-3-methylphenol	8.792	107	119590	32.104	ng		98
37) 2-Methylnaphthalene	8.957	142	253530	34.444	ng		99
38) 1-Methylnaphthalene	9.057	142	254457	33.571	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	128981	41.850	ng		99
41) Hexachlorocyclopentadiene	9.110	237	49167	24.518	ng		98
43) 2,4,6-Trichlorophenol	9.233	196	79718	37.374	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	81343	38.124	ng		99
46) 1,1'-Biphenyl	9.416	154	318160	38.201	ng		100
47) 2-Chloronaphthalene	9.445	162	237809	38.589	ng		99
48) 2-Nitroaniline	9.533	65	81542	42.194	ng		98
49) Acenaphthylene	9.863	152	392538	38.009	ng		99
50) Dimethylphthalate	9.710	163	279310	40.141	ng		99
51) 2,6-Dinitrotoluene	9.775	165	57749	40.797	ng		94
52) Acenaphthene	10.033	154	262424	42.992	ng		97
53) 3-Nitroaniline	9.939	138	53037	32.033	ng		99
54) 2,4-Dinitrophenol	10.051	184	30111	49.689	ng	#	1
55) Dibenzofuran	10.204	168	367803	40.585	ng		99
56) 4-Nitrophenol	10.104	139	121114	97.960	ng		98
57) 2,4-Dinitrotoluene	10.175	165	89024	50.129	ng		96
58) Fluorene	10.545	166	292587	43.017	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	72678	41.121	ng	#	98
60) Diethylphthalate	10.410	149	293067	42.612	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	141377	41.744	ng		99
62) 4-Nitroaniline	10.551	138	61922	43.638	ng		98
63) Azobenzene	10.698	77	297823	41.549	ng		95
65) 4,6-Dinitro-2-methylph...	10.586	198	22101	21.399	ng		99
66) n-Nitrosodiphenylamine	10.651	169	240327	29.168	ng		99
67) 4-Bromophenyl-phenylether	11.027	248	87141	31.251	ng		100
68) Hexachlorobenzene	11.104	284	95012	32.600	ng		97
69) Atrazine	11.180	200	78523	34.569	ng		99
70) Pentachlorophenol	11.292	266	114965	67.075	ng		97
71) Phenanthrene	11.516	178	572216	46.058	ng		100
72) Anthracene	11.563	178	489982	38.670	ng		99
73) Carbazole	11.716	167	421515	38.097	ng		100
74) Di-n-butylphthalate	12.045	149	525162	41.949	ng		99
75) Fluoranthene	12.704	202	669684	58.727	ng		100
77) Benzidine	12.816	184	120294	14.882	ng		99
78) Pyrene	12.933	202	661606	36.949	ng		99
80) Butylbenzylphthalate	13.545	149	226281	41.269	ng		97
81) Benzo(a)anthracene	14.121	228	645019	45.919	ng		100
82) 3,3'-Dichlorobenzidine	14.080	252	141195	30.159	ng		98
83) Chrysene	14.157	228	590950	46.792	ng		99
84) Bis(2-ethylhexyl)phtha...	14.104	149	480756	57.928	ng		99
85) Di-n-octyl phthalate	14.715	149	529402	35.192	ng		99
87) Indeno(1,2,3-cd)pyrene	17.192	276	403832	33.111	ng		100
88) Benzo(b)fluoranthene	15.198	252	619701	58.647	ng		98
89) Benzo(k)fluoranthene	15.227	252	540849m	57.360	ng		
90) Benzo(a)pyrene	15.580	252	482399	49.551	ng		99
91) Dibenzo(a,h)anthracene	17.203	278	297327	29.951	ng		98
92) Benzo(g,h,i)perylene	17.656	276	281218	29.285	ng		99

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

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