Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143233.D
Acq On : 24 Jul 2025 14:59
Operator : RC/JU
Sample : Q2668-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 24 15:20:37 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 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	109392	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	386410	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	173672	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	256696	20.000	ng		0.00
76) Chrysene-d12	14.121	240	248400	20.000	ng		0.00
86) Perylene-d12	15.621	264	248204	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.610	112	725514	104.953	ng		0.02
7) Phenol-d6	6.593	99	842935	96.878	ng		0.00
23) Nitrobenzene-d5	7.516	82	657485	84.816	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	213942	119.246	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1092842	86.059	ng		0.00
79) Terphenyl-d14	13.063	244	1056631	63.300	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.999	88	104901	32.070	ng	#	83
3) Pyridine	3.699	79	257637	30.346	ng		99
4) n-Nitrosodimethylamine	3.628	42	162287	37.023	ng		99
6) Aniline	6.622	93	136571	11.262	ng		93
8) 2-Chlorophenol	6.751	128	283525	39.129	ng		97
9) Benzaldehyde	6.510	77	121442	18.613	ng		97
10) Phenol	6.604	94	315724	33.308	ng		97
11) bis(2-Chloroethyl)ether	6.693	93	276106	38.044	ng		100
12) 1,3-Dichlorobenzene	6.904	146	284739	36.174	ng		99
13) 1,4-Dichlorobenzene	6.981	146	289199	36.483	ng		99
14) 1,2-Dichlorobenzene	7.134	146	277354	36.787	ng		99
15) Benzyl Alcohol	7.098	79	262765	39.551	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	504943	37.505	ng		99
17) 2-Methylphenol	7.210	107	234398	38.473	ng		99
18) Hexachloroethane	7.481	117	99634	36.307	ng		97
19) n-Nitroso-di-n-propyla...	7.369	70	210948	37.789	ng		98
20) 3+4-Methylphenols	7.357	107	284043	38.426	ng	#	83
22) Acetophenone	7.363	105	383168	41.884	ng		95
24) Nitrobenzene	7.540	77	302964	41.920	ng		99
25) Isophorone	7.775	82	576011	42.092	ng		99
26) 2-Nitrophenol	7.857	139	145733	46.462	ng		99
27) 2,4-Dimethylphenol	7.887	122	265349	41.502	ng		98
28) bis(2-Chloroethoxy)met...	7.981	93	349106	42.549	ng		99
29) 2,4-Dichlorophenol	8.098	162	231786	42.988	ng		99
30) 1,2,4-Trichlorobenzene	8.181	180	239321	41.084	ng		98
31) Naphthalene	8.263	128	795952	41.826	ng		100
32) Benzoic acid	7.969	122	81937m	25.474	ng		
33) 4-Chloroaniline	8.304	127	43937	5.654	ng		99
34) Hexachlorobutadiene	8.387	225	146715	41.230	ng		98
35) Caprolactam	8.657	113	58882	36.139	ng		99
36) 4-Chloro-3-methylphenol	8.787	107	239418	40.853	ng		98
37) 2-Methylnaphthalene	8.957	142	483909	41.788	ng		100
38) 1-Methylnaphthalene	9.051	142	498694	41.820	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	236879	47.243	ng		99
41) Hexachlorocyclopentadiene	9.110	237	200715	61.521	ng		99
43) 2,4,6-Trichlorophenol	9.228	196	161853	46.641	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	159945	46.077	ng		98
46) 1,1'-Biphenyl	9.416	154	650234	47.988	ng		100
47) 2-Chloronaphthalene	9.445	162	466335	46.513	ng		99
48) 2-Nitroaniline	9.528	65	152729	48.576	ng		97
49) Acenaphthylene	9.857	152	771017	45.889	ng		100
50) Dimethylphthalate	9.710	163	560947	49.552	ng		99
51) 2,6-Dinitrotoluene	9.769	165	112143	48.696	ng		99
52) Acenaphthene	10.033	154	452571	45.573	ng		99
53) 3-Nitroaniline	9.933	138	41835	15.531	ng		98
54) 2,4-Dinitrophenol	10.039	184	31898	34.680	ng	#	1
55) Dibenzofuran	10.204	168	657402	44.588	ng		100
56) 4-Nitrophenol	10.092	139	156951	78.029	ng		98
57) 2,4-Dinitrotoluene	10.175	165	139715	48.357	ng		95
58) Fluorene	10.545	166	487614	44.066	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.316	232	122812	42.711	ng		99
60) Diethylphthalate	10.410	149	527320	47.128	ng		100
61) 4-Chlorophenyl-phenyle...	10.533	204	248584	45.115	ng		99
62) 4-Nitroaniline	10.551	138	93810	40.635	ng		99
63) Azobenzene	10.698	77	506692	43.450	ng		99
65) 4,6-Dinitro-2-methylph...	10.581	198	31920	26.458	ng		99
66) n-Nitrosodiphenylamine	10.651	169	426553	47.190	ng		98
67) 4-Bromophenyl-phenylether	11.028	248	143286	46.839	ng		99
68) Hexachlorobenzene	11.098	284	146688	45.877	ng		99
69) Atrazine	11.175	200	129116	51.813	ng		99
70) Pentachlorophenol	11.286	266	146774	78.057	ng		98
71) Phenanthrene	11.510	178	629985	46.221	ng		99
72) Anthracene	11.557	178	642429	46.215	ng		100
73) Carbazole	11.710	167	597582	49.232	ng		99
74) Di-n-butylphthalate	12.039	149	749381	54.563	ng		100
75) Fluoranthene	12.698	202	714275	57.095	ng		100
77) Benzidine	12.810	184	223427	23.346	ng		98
78) Pyrene	12.927	202	738161	34.820	ng		100
80) Butylbenzylphthalate	13.539	149	339630	52.318	ng		97
81) Benzo(a)anthracene	14.110	228	785726	47.246	ng		100
82) 3,3'-Dichlorobenzidine	14.069	252	86568	15.618	ng		99
83) Chrysene	14.151	228	666401	44.568	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	496409	50.522	ng		100
85) Di-n-octyl phthalate	14.710	149	884176	49.644	ng		99
87) Indeno(1,2,3-cd)pyrene	17.157	276	502549	28.714	ng		99
88) Benzo(b)fluoranthene	15.180	252	800285	52.779	ng		100
89) Benzo(k)fluoranthene	15.216	252	679707	50.234	ng		99
90) Benzo(a)pyrene	15.563	252	670550	47.998	ng		99
91) Dibenzo(a,h)anthracene	17.174	278	416547	29.241	ng		99
92) Benzo(g,h,i)perylene	17.621	276	376062	27.291	ng		98

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

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