Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
Data File : BF142072.D
Acq On : 25 Mar 2025 12:08
Operator : RC/JU
Sample : PB167261BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 25 12:28:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB167261BS

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/26/2025
Supervised By :Jagrut Upadhyay 03/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	137689	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	547320	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	312564	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	569268	20.000	ng		0.00
76) Chrysene-d12	14.039	240	326232	20.000	ng		0.00
86) Perylene-d12	15.510	264	287415	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	1131591	137.163	ng		0.01
7) Phenol-d6	6.504	99	1388340	132.172	ng		0.00
23) Nitrobenzene-d5	7.440	82	921211	94.720	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	662996	167.200	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	1956811	95.211	ng		0.00
79) Terphenyl-d14	12.980	244	2594770	117.593	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	141683	40.987	ng		98
3) Pyridine	3.499	79	334138	39.407	ng		97
4) n-Nitrosodimethylamine	3.440	42	169402	41.911	ng		98
6) Aniline	6.534	93	344135	33.211	ng	#	89
8) 2-Chlorophenol	6.657	128	419814	45.882	ng		99
9) Benzaldehyde	6.422	77	105038	17.880	ng		99
10) Phenol	6.516	94	485277	43.914	ng		95
11) bis(2-Chloroethyl)ether	6.610	93	358763	43.236	ng		97
12) 1,3-Dichlorobenzene	6.816	146	443311	44.877	ng		99
13) 1,4-Dichlorobenzene	6.893	146	454039	45.428	ng		99
14) 1,2-Dichlorobenzene	7.045	146	432378	45.929	ng		98
15) Benzyl Alcohol	7.016	79	360247	42.422	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	391140	39.045	ng		95
17) 2-Methylphenol	7.122	107	330983	45.495	ng		99
18) Hexachloroethane	7.387	117	167487	44.688	ng		95
19) n-Nitroso-di-n-propyla...	7.287	70	272694	40.402	ng		99
20) 3+4-Methylphenols	7.275	107	414133	44.442	ng	#	86
22) Acetophenone	7.281	105	618261	47.170	ng		97
24) Nitrobenzene	7.457	77	429851	44.459	ng		99
25) Isophorone	7.693	82	759845	44.198	ng		99
26) 2-Nitrophenol	7.769	139	227689	47.982	ng		98
27) 2,4-Dimethylphenol	7.804	122	357310	54.684	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	455125	42.209	ng		99
29) 2,4-Dichlorophenol	8.010	162	362860	44.741	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	399631	44.712	ng		98
31) Naphthalene	8.181	128	1214356	43.193	ng		100
32) Benzoic acid	7.928	122	292726m	50.965	ng		
33) 4-Chloroaniline	8.222	127	164538	16.578	ng		98
34) Hexachlorobutadiene	8.292	225	270461	46.401	ng		98
35) Caprolactam	8.598	113	127037m	51.377	ng		
36) 4-Chloro-3-methylphenol	8.704	107	408510	45.154	ng		100
37) 2-Methylnaphthalene	8.869	142	789798	42.028	ng		100
38) 1-Methylnaphthalene	8.969	142	768704	42.389	ng		100
40) 1,2,4,5-Tetrachloroben...	9.034	216	480813	50.525	ng		98
41) Hexachlorocyclopentadiene	9.022	237	567120	152.276	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	292875	47.091	ng		99

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44) 2,4,5-Trichlorophenol	9.187	196	298357	47.366	ng		100
46) 1,1'-Biphenyl	9.334	154	1170321	49.279	ng		99
47) 2-Chloronaphthalene	9.357	162	801831	45.298	ng		99
48) 2-Nitroaniline	9.451	65	237853	46.408	ng		99
49) Acenaphthylene	9.775	152	1259701	47.955	ng		100
50) Dimethylphthalate	9.634	163	996445	45.525	ng		100
51) 2,6-Dinitrotoluene	9.692	165	221284	48.556	ng		96
52) Acenaphthene	9.945	154	953765	51.667	ng		100
53) 3-Nitroaniline	9.863	138	125966	27.249	ng		98
54) 2,4-Dinitrophenol	9.975	184	259866	98.687	ng	#	46
55) Dibenzofuran	10.116	168	1164502	44.148	ng		100
56) 4-Nitrophenol	10.028	139	348505	99.968	ng		96
57) 2,4-Dinitrotoluene	10.098	165	312223	52.454	ng		98
58) Fluorene	10.463	166	930525	45.746	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	276983	48.324	ng		98
60) Diethylphthalate	10.334	149	984327	45.101	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	488587	46.071	ng		97
62) 4-Nitroaniline	10.481	138	207275	46.055	ng		97
63) Azobenzene	10.610	77	868963	42.825	ng		99
65) 4,6-Dinitro-2-methylph...	10.510	198	176228	51.929	ng		95
66) n-Nitrosodiphenylamine	10.569	169	823371	44.696	ng		99
67) 4-Bromophenyl-phenylether	10.939	248	322423	45.098	ng		99
68) Hexachlorobenzene	11.010	284	377441	48.136	ng		94
69) Atrazine	11.098	200	346533	61.362	ng		98
70) Pentachlorophenol	11.204	266	451559	93.467	ng		100
71) Phenanthrene	11.422	178	1415949	46.050	ng		99
72) Anthracene	11.475	178	1437957	46.614	ng		100
73) Carbazole	11.628	167	1223955	46.007	ng		100
74) Di-n-butylphthalate	11.957	149	1555053	44.052	ng		100
75) Fluoranthene	12.610	202	1476771	45.277	ng		100
77) Benzidine	12.733	184	242836	53.352	ng		99
78) Pyrene	12.839	202	1452629	51.476	ng		99
80) Butylbenzylphthalate	13.457	149	554523	50.205	ng		96
81) Benzo(a)anthracene	14.027	228	1028307	48.035	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	180449	29.168	ng		99
83) Chrysene	14.063	228	919626	47.391	ng		100
84) Bis(2-ethylhexyl)phtha...	14.010	149	739908	48.586	ng		99
85) Di-n-octyl phthalate	14.621	149	1016688	47.981	ng		98
87) Indeno(1,2,3-cd)pyrene	16.998	276	774601	41.662	ng		97
88) Benzo(b)fluoranthene	15.074	252	881604	44.756	ng		100
89) Benzo(k)fluoranthene	15.104	252	740885	43.951	ng		99
90) Benzo(a)pyrene	15.445	252	743289	48.225	ng		99
91) Dibenzo(a,h)anthracene	17.015	278	627831	40.927	ng		98
92) Benzo(g,h,i)perylene	17.445	276	571389	37.692	ng		97

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

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