Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030725\
Data File : BG064058.D
Acq On : 7 Mar 2025 14:18
Operator : RC/JU
Sample : PB167031BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 07 14:57:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB167031BS

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025

03/10/2025
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.864	152	37350	20.000	ng		0.00
21) Naphthalene-d8	10.655	136	167596	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	115306	20.000	ng		0.00
64) Phenanthrene-d10	17.230	188	265788	20.000	ng		0.00
76) Chrysene-d12	21.466	240	268408	20.000	ng		0.00
86) Perylene-d12	24.480	264	290005	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.455	112	314786	131.599	ng		0.00
7) Phenol-d6	7.036	99	416430	127.972	ng		0.00
23) Nitrobenzene-d5	9.016	82	264399	87.181	ng		0.00
42) 2,4,6-Tribromophenol	15.978	330	179892	140.353	ng		0.00
45) 2-Fluorobiphenyl	13.117	172	634957	83.585	ng		0.00
79) Terphenyl-d14	19.850	244	1172088	88.297	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	40790	37.627	ng		93
3) Pyridine	3.751	79	99512	37.745	ng		97
4) n-Nitrosodimethylamine	3.669	42	84558	44.890	ng		94
6) Aniline	7.194	93	115817	36.271	ng		98
8) 2-Chlorophenol	7.429	128	105909	41.225	ng		96
9) Benzaldehyde	7.006	77	37486	19.807	ng		96
10) Phenol	7.059	94	144336	43.323	ng		99
11) bis(2-Chloroethyl)ether	7.288	93	101920	39.020	ng		95
12) 1,3-Dichlorobenzene	7.758	146	109287	38.738	ng		99
13) 1,4-Dichlorobenzene	7.899	146	109982	38.034	ng		98
14) 1,2-Dichlorobenzene	8.217	146	105273	37.754	ng		97
15) Benzyl Alcohol	8.099	79	104525	41.567	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.387	45	231908	39.486	ng		98
17) 2-Methylphenol	8.299	107	98229	44.424	ng		97
18) Hexachloroethane	8.945	117	40703	40.232	ng		94
19) n-Nitroso-di-n-propyla...	8.669	70	88738	38.857	ng		98
20) 3+4-Methylphenols	8.628	107	132984	43.685	ng		97
22) Acetophenone	8.681	105	194433	42.313	ng	#	98
24) Nitrobenzene	9.057	77	128158	40.890	ng		95
25) Isophorone	9.580	82	247923	40.843	ng		96
26) 2-Nitrophenol	9.768	139	42284	40.610	ng		95
27) 2,4-Dimethylphenol	9.827	122	100614	55.290	ng		94
28) bis(2-Chloroethoxy)met...	10.068	93	141355	38.409	ng		98
29) 2,4-Dichlorophenol	10.297	162	99214	43.177	ng		97
30) 1,2,4-Trichlorobenzene	10.520	180	108054	38.954	ng		96
31) Naphthalene	10.702	128	340891	37.721	ng		99
32) Benzoic acid	9.979	122	62172m	39.159	ng		
33) 4-Chloroaniline	10.808	127	65346	19.784	ng		97
34) Hexachlorobutadiene	10.996	225	70901	38.996	ng		97
35) Caprolactam	11.578	113	42282m	48.017	ng		
36) 4-Chloro-3-methylphenol	11.930	107	124870	41.457	ng		93
37) 2-Methylnaphthalene	12.312	142	236809	37.118	ng		97
38) 1-Methylnaphthalene	12.529	142	237776	38.041	ng		95
40) 1,2,4,5-Tetrachloroben...	12.682	216	142769	43.370	ng		98
41) Hexachlorocyclopentadiene	12.670	237	134371	145.029	ng		95
43) 2,4,6-Trichlorophenol	12.917	196	86642	44.657	ng		96

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44) 2,4,5-Trichlorophenol	12.988	196	95182	44.152	ng		98
46) 1,1'-Biphenyl	13.323	154	383958	44.075	ng		97
47) 2-Chloronaphthalene	13.364	162	260312	40.971	ng		97
48) 2-Nitroaniline	13.563	65	88261	42.853	ng		95
49) Acenaphthylene	14.210	152	421662	41.958	ng		99
50) Dimethylphthalate	13.951	163	345559	40.599	ng		99
51) 2,6-Dinitrotoluene	14.063	165	69789	40.946	ng		97
52) Acenaphthene	14.556	154	268690	39.839	ng		97
53) 3-Nitroaniline	14.386	138	43112	26.207	ng		96
54) 2,4-Dinitrophenol	14.597	184	60678	83.859	ng		92
55) Dibenzofuran	14.891	168	416978	38.165	ng		98
56) 4-Nitrophenol	14.697	139	134556	97.528	ng		93
57) 2,4-Dinitrotoluene	14.850	165	101445	42.989	ng	#	98
58) Fluorene	15.538	166	338529	39.782	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.115	232	91404	43.492	ng		96
60) Diethylphthalate	15.320	149	369537	39.992	ng		98
61) 4-Chlorophenyl-phenyle...	15.538	204	165324	39.095	ng		97
62) 4-Nitroaniline	15.555	138	77903	43.863	ng		93
63) Azobenzene	15.825	77	388690	39.420	ng		97
65) 4,6-Dinitro-2-methylph...	15.608	198	45885	41.331	ng		94
66) n-Nitrosodiphenylamine	15.749	169	304982	40.538	ng		97
67) 4-Bromophenyl-phenylether	16.425	248	108783	39.962	ng		96
68) Hexachlorobenzene	16.542	284	124061	40.708	ng		99
69) Atrazine	16.701	200	137316	62.032	ng		95
70) Pentachlorophenol	16.883	266	161432	85.314	ng		97
71) Phenanthrene	17.271	178	586440	41.367	ng		98
72) Anthracene	17.365	178	595310	42.231	ng		98
73) Carbazole	17.629	167	543876	41.324	ng		100
74) Di-n-butylphthalate	18.205	149	638316	41.202	ng		99
75) Fluoranthene	19.280	202	672893	39.371	ng		99
77) Benzidine	19.462	184	196853	52.965	ng		96
78) Pyrene	19.645	202	708955	40.975	ng		99
80) Butylbenzylphthalate	20.549	149	266926	41.635	ng		97
81) Benzo(a)anthracene	21.442	228	716446	41.670	ng		98
82) 3,3'-Dichlorobenzidine	21.366	252	150240	27.000	ng		100
83) Chrysene	21.507	228	691699	40.336	ng		99
84) Bis(2-ethylhexyl)phtha...	21.384	149	420121	45.182	ng		98
85) Di-n-octyl phthalate	22.529	149	703025	43.833	ng		99
87) Indeno(1,2,3-cd)pyrene	27.882	276	821866	42.356	ng		98
88) Benzo(b)fluoranthene	23.534	252	699323	39.889	ng		96
89) Benzo(k)fluoranthene	23.593	252	696807	39.618	ng		99
90) Benzo(a)pyrene	24.345	252	672920	43.098	ng		98
91) Dibenzo(a,h)anthracene	27.947	278	684817	42.571	ng		99
92) Benzo(g,h,i)perylene	28.951	276	638368	38.651	ng		97

03/10/2025 Supervised By :Jagrut Upadhyay

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

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