Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
Data File : BP024830.D
Acq On : 29 May 2025 15:22
Operator : RC/JU
Sample : PB168198BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 29 16:16:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 28 14:16:13 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB168198BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/30/2025
Supervised By :Jagrut Upadhyay 05/30/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.640	152	118853	20.000	ng		0.00
21) Naphthalene-d8	10.416	136	477004	20.000	ng	#	0.00
39) Acenaphthene-d10	14.281	164	300771	20.000	ng		0.00
64) Phenanthrene-d10	17.075	188	596428	20.000	ng		0.01
76) Chrysene-d12	21.504	240	701915	20.000	ng		0.01
86) Perylene-d12	24.757	264	889249	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.281	112	918422	132.167	ng		0.00
7) Phenol-d6	6.846	99	1134730	127.947	ng		0.00
23) Nitrobenzene-d5	8.793	82	688897	72.971	ng		0.00
42) 2,4,6-Tribromophenol	15.798	330	782866	153.535	ng		0.01
45) 2-Fluorobiphenyl	12.887	172	1861567	81.088	ng		0.00
79) Terphenyl-d14	19.798	244	3288014	80.322	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.216	88	100527	30.808	ng		100
3) Pyridine	3.611	79	245542	33.936	ng		97
4) n-Nitrosodimethylamine	3.522	42	122871	38.467	ng		95
6) Aniline	6.987	93	346707	30.279	ng		100
8) 2-Chlorophenol	7.222	128	359609	45.586	ng		98
9) Benzaldehyde	6.805	77	173052	30.143	ng		96
10) Phenol	6.875	94	395773	43.237	ng		98
11) bis(2-Chloroethyl)ether	7.081	93	280655	37.313	ng		98
12) 1,3-Dichlorobenzene	7.534	146	374772	41.293	ng		97
13) 1,4-Dichlorobenzene	7.681	146	381794	41.826	ng		99
14) 1,2-Dichlorobenzene	7.993	146	366661	41.222	ng		98
15) Benzyl Alcohol	7.893	79	289418	42.943	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.157	45	331692	36.823	ng		98
17) 2-Methylphenol	8.099	107	285993	43.561	ng		98
18) Hexachloroethane	8.704	117	138362	39.555	ng		97
19) n-Nitroso-di-n-propyla...	8.446	70	224308	36.563	ng		97
20) 3+4-Methylphenols	8.428	107	388182	43.466	ng		99
22) Acetophenone	8.463	105	495726	41.604	ng	#	99
24) Nitrobenzene	8.834	77	336034	40.447	ng		95
25) Isophorone	9.357	82	644243	39.341	ng		98
26) 2-Nitrophenol	9.540	139	196971	48.384	ng		99
27) 2,4-Dimethylphenol	9.610	122	335793	46.783	ng		100
28) bis(2-Chloroethoxy)met...	9.834	93	393439	40.214	ng		98
29) 2,4-Dichlorophenol	10.093	162	339045	48.745	ng		98
30) 1,2,4-Trichlorobenzene	10.281	180	350138	44.672	ng		99
31) Naphthalene	10.463	128	1063778	43.035	ng		100
32) Benzoic acid	9.799	122	248222m	49.415	ng		
33) 4-Chloroaniline	10.587	127	215981	21.653	ng		99
34) Hexachlorobutadiene	10.740	225	227798	44.864	ng		96
35) Caprolactam	11.393	113	115151	45.758	ng		92
36) 4-Chloro-3-methylphenol	11.734	107	384736	45.358	ng		96
37) 2-Methylnaphthalene	12.081	142	686101	42.866	ng		98
38) 1-Methylnaphthalene	12.304	142	729592	42.602	ng		100
40) 1,2,4,5-Tetrachloroben...	12.451	216	400534	45.859	ng		99
41) Hexachlorocyclopentadiene	12.428	237	552493	104.322	ng		95
43) 2,4,6-Trichlorophenol	12.710	196	286957	50.725	ng		99

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Operator : RC/JU
Sample : PB168198BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 29 16:16:52 2025
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	318507	50.580	ng		96
46) 1,1'-Biphenyl	13.104	154	990837	44.571	ng		99
47) 2-Chloronaphthalene	13.145	162	759255	44.794	ng		99
48) 2-Nitroaniline	13.369	65	219592	43.759	ng		93
49) Acenaphthylene	13.998	152	1263201	44.533	ng		99
50) Dimethylphthalate	13.739	163	1018564	44.430	ng		100
51) 2,6-Dinitrotoluene	13.863	165	222342	45.923	ng		97
52) Acenaphthene	14.345	154	717257	43.985	ng		100
53) 3-Nitroaniline	14.204	138	134870	27.282	ng		94
54) 2,4-Dinitrophenol	14.422	184	290036	93.799	ng		97
55) Dibenzofuran	14.686	168	1163550	44.734	ng		99
56) 4-Nitrophenol	14.557	139	333361	78.001	ng		96
57) 2,4-Dinitrotoluene	14.669	165	325268	47.653	ng		99
58) Fluorene	15.345	166	974429	45.945	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.928	232	296545	50.765	ng		94
60) Diethylphthalate	15.122	149	1061150	45.798	ng		99
61) 4-Chlorophenyl-phenyle...	15.345	204	491616	46.480	ng		96
62) 4-Nitroaniline	15.386	138	234879m	49.205	ng		
63) Azobenzene	15.639	77	818686	41.303	ng		96
65) 4,6-Dinitro-2-methylph...	15.451	198	190285	49.392	ng		93
66) n-Nitrosodiphenylamine	15.569	169	857684	46.817	ng		99
67) 4-Bromophenyl-phenylether	16.257	248	344272	48.986	ng		95
68) Hexachlorobenzene	16.369	284	435145	48.726	ng		95
69) Atrazine	16.539	200	336221	50.079	ng		98
70) Pentachlorophenol	16.733	266	566632	113.032	ng		100
71) Phenanthrene	17.122	178	1506169	45.426	ng		99
72) Anthracene	17.216	178	1541452	46.208	ng		100
73) Carbazole	17.504	167	1437657	47.615	ng		100
74) Di-n-butylphthalate	18.080	149	1840862	47.407	ng		99
75) Fluoranthene	19.210	202	1807870	46.646	ng		98
77) Benzidine	19.416	184	827803	43.301	ng		100
78) Pyrene	19.580	202	1869195	44.444	ng		100
80) Butylbenzylphthalate	20.527	149	880274	47.062	ng		95
81) Benzo(a)anthracene	21.486	228	2034794	46.167	ng		99
82) 3,3'-Dichlorobenzidine	21.410	252	601191	36.725	ng		99
83) Chrysene	21.551	228	1868886	44.731	ng		100
84) Bis(2-ethylhexyl)phtha...	21.416	149	1309342	47.626	ng		98
85) Di-n-octyl phthalate	22.657	149	2333511	51.905	ng		98
87) Indeno(1,2,3-cd)pyrene	28.468	276	3120845	48.072	ng	#	90
88) Benzo(b)fluoranthene	23.745	252	2315190	45.486	ng		99
89) Benzo(k)fluoranthene	23.810	252	2338283	44.583	ng		99
90) Benzo(a)pyrene	24.609	252	2214796	45.307	ng		99
91) Dibenzo(a,h)anthracene	28.556	278	2567781	48.618	ng		98
92) Benzo(g,h,i)perylene	29.621	276	2443284	46.520	ng		98

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

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