Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024708.D
Acq On : 20 May 2025 15:16
Operator : RC/JU
Sample : PB168048BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 20 15:48:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB168048BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.658	152	139801	20.000	ng		0.00
21) Naphthalene-d8	10.422	136	538123	20.000	ng		-0.01
39) Acenaphthene-d10	14.287	164	329718	20.000	ng		-0.02
64) Phenanthrene-d10	17.081	188	642991	20.000	ng		-0.02
76) Chrysene-d12	21.516	240	741643	20.000	ng		0.00
86) Perylene-d12	24.792	264	838594	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	1043511	127.666	ng		0.00
7) Phenol-d6	6.863	99	1253204	120.132	ng		0.01
23) Nitrobenzene-d5	8.805	82	807485	75.818	ng		0.00
42) 2,4,6-Tribromophenol	15.804	330	816620	146.094	ng		0.00
45) 2-Fluorobiphenyl	12.893	172	1964889	78.074	ng		-0.01
79) Terphenyl-d14	19.804	244	3433913	79.393	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.222	88	120709	31.450	ng		95
3) Pyridine	3.617	79	287355	33.764	ng		95
4) n-Nitrosodimethylamine	3.528	42	150262	39.993	ng		88
6) Aniline	6.999	93	471275	34.991	ng		100
8) 2-Chlorophenol	7.234	128	406514	43.810	ng		98
9) Benzaldehyde	6.811	77	225153	33.341	ng		98
10) Phenol	6.887	94	449144	41.715	ng		96
11) bis(2-Chloroethyl)ether	7.087	93	343898	38.871	ng		100
12) 1,3-Dichlorobenzene	7.546	146	445502	41.731	ng		99
13) 1,4-Dichlorobenzene	7.693	146	456307	42.498	ng		99
14) 1,2-Dichlorobenzene	8.005	146	419608	40.106	ng		99
15) Benzyl Alcohol	7.905	79	327937	41.367	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.175	45	375945	35.482	ng		98
17) 2-Methylphenol	8.116	107	314693	40.750	ng		97
18) Hexachloroethane	8.716	117	162657	39.533	ng		98
19) n-Nitroso-di-n-propyla...	8.457	70	251492	34.851	ng		95
20) 3+4-Methylphenols	8.446	107	425353	40.492	ng		96
22) Acetophenone	8.469	105	559135	41.596	ng	#	98
24) Nitrobenzene	8.846	77	395885	42.239	ng		96
25) Isophorone	9.363	82	697164	37.737	ng		99
26) 2-Nitrophenol	9.552	139	219271	47.744	ng		98
27) 2,4-Dimethylphenol	9.622	122	372381	45.988	ng		99
28) bis(2-Chloroethoxy)met...	9.846	93	438080	39.691	ng		99
29) 2,4-Dichlorophenol	10.099	162	370553	47.224	ng		96
30) 1,2,4-Trichlorobenzene	10.287	180	392603	44.400	ng		97
31) Naphthalene	10.475	128	1185760	42.522	ng		100
32) Benzoic acid	9.810	122	245894m	44.302	ng		
33) 4-Chloroaniline	10.593	127	393001	34.925	ng		99
34) Hexachlorobutadiene	10.752	225	262558	45.836	ng		98
35) Caprolactam	11.399	113	122940	43.305	ng		99
36) 4-Chloro-3-methylphenol	11.740	107	409493	42.794	ng		98
37) 2-Methylnaphthalene	12.087	142	755884	41.862	ng		99
38) 1-Methylnaphthalene	12.310	142	792211	41.005	ng		99
40) 1,2,4,5-Tetrachloroben...	12.457	216	450159	47.016	ng		99
41) Hexachlorocyclopentadiene	12.434	237	578889	99.710	ng		96
43) 2,4,6-Trichlorophenol	12.716	196	308678	49.774	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	333877	48.366	ng	96
46) 1,1'-Biphenyl	13.104	154	1119732	45.948	ng	99
47) 2-Chloronaphthalene	13.145	162	857654	46.157	ng	98
48) 2-Nitroaniline	13.369	65	247888	45.061	ng	96
49) Acenaphthylene	14.004	152	1357825	43.666	ng	100
50) Dimethylphthalate	13.745	163	1126770	44.835	ng	100
51) 2,6-Dinitrotoluene	13.863	165	242858	45.757	ng	96
52) Acenaphthene	14.351	154	795831	44.519	ng	99
53) 3-Nitroaniline	14.204	138	200980	37.085	ng	98
54) 2,4-Dinitrophenol	14.422	184	292154	86.708	ng	96
55) Dibenzofuran	14.692	168	1245387	43.677	ng	98
56) 4-Nitrophenol	14.563	139	367273	78.370	ng	96
57) 2,4-Dinitrotoluene	14.669	165	343419	45.895	ng	97
58) Fluorene	15.345	166	1060372	45.608	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.934	232	307270	47.983	ng	97
60) Diethylphthalate	15.122	149	1120632	44.119	ng	99
61) 4-Chlorophenyl-phenyle...	15.339	204	526856	45.439	ng	98
62) 4-Nitroaniline	15.387	138	228988	43.760	ng	99
63) Azobenzene	15.639	77	928905	42.749	ng	96
65) 4,6-Dinitro-2-methylph...	15.451	198	203628	49.028	ng	98
66) n-Nitrosodiphenylamine	15.563	169	938311	47.509	ng	99
67) 4-Bromophenyl-phenylether	16.251	248	363780	48.013	ng	98
68) Hexachlorobenzene	16.369	284	458184	47.591	ng	99
69) Atrazine	16.545	200	344306	47.570	ng	99
70) Pentachlorophenol	16.734	266	590870	109.332	ng	99
71) Phenanthrene	17.128	178	1585722	44.362	ng	99
72) Anthracene	17.216	178	1687384	46.920	ng	100
73) Carbazole	17.504	167	1527551	46.929	ng	100
74) Di-n-butylphthalate	18.086	149	1942338	46.398	ng	100
75) Fluoranthene	19.210	202	1881199	45.023	ng	99
77) Benzidine	19.416	184	1184443	58.638	ng	100
78) Pyrene	19.586	202	1922595	43.265	ng	100
80) Butylbenzylphthalate	20.539	149	882879	44.673	ng	92
81) Benzo(a)anthracene	21.498	228	2082335	44.715	ng	100
82) 3,3'-Dichlorobenzidine	21.422	252	713621	41.258	ng	99
83) Chrysene	21.563	228	1974706	44.732	ng	99
84) Bis(2-ethylhexyl)phtha...	21.427	149	1370288	47.173	ng	100
85) Di-n-octyl phthalate	22.680	149	2264072	47.662	ng	99
87) Indeno(1,2,3-cd)pyrene	28.527	276	2777529	45.368	ng	95
88) Benzo(b)fluoranthene	23.763	252	2257968	47.041	ng	99
89) Benzo(k)fluoranthene	23.821	252	2269488	45.885	ng	99
90) Benzo(a)pyrene	24.645	252	2138419	46.387	ng	99
91) Dibenzo(a,h)anthracene	28.592	278	2290677	45.992	ng	99
92) Benzo(g,h,i)perylene	29.680	276	2221548	44.853	ng	98

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

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