Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081325\
Data File : BP025379.D
Acq On : 13 Aug 2025 11:14
Operator : CG/JU
Sample : PB169210BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 13 12:24:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB169210BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.802	152	178418	20.000	ng		0.00
21) Naphthalene-d8	10.578	136	690484	20.000	ng		0.00
39) Acenaphthene-d10	14.425	164	416483	20.000	ng		0.00
64) Phenanthrene-d10	17.219	188	826325	20.000	ng		0.00
76) Chrysene-d12	21.666	240	881099	20.000	ng		0.00
86) Perylene-d12	25.060	264	1021631	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.414	112	1368728	123.385	ng		0.00
7) Phenol-d6	6.978	99	1670568	114.427	ng		0.01
23) Nitrobenzene-d5	8.943	82	1069364	85.801	ng		0.00
42) 2,4,6-Tribromophenol	15.937	330	740966	178.336	ng		0.01
45) 2-Fluorobiphenyl	13.037	172	2600117	86.229	ng		0.00
79) Terphenyl-d14	19.954	244	4002128	85.792	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	148571	33.939	ng		96
3) Pyridine	3.731	79	427929	35.185	ng		95
4) n-Nitrosodimethylamine	3.637	42	202821	35.920	ng		90
6) Aniline	7.131	93	724774	36.164	ng		98
8) 2-Chlorophenol	7.372	128	541388	44.586	ng		96
9) Benzaldehyde	6.943	77	275814	26.600	ng		98
10) Phenol	7.002	94	628024	40.204	ng		97
11) bis(2-Chloroethyl)ether	7.225	93	481065	39.305	ng		96
12) 1,3-Dichlorobenzene	7.696	146	579315	42.460	ng		99
13) 1,4-Dichlorobenzene	7.837	146	587858	42.587	ng		99
14) 1,2-Dichlorobenzene	8.149	146	564127	42.188	ng		99
15) Benzyl Alcohol	8.031	79	446222	39.430	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.319	45	645063	33.363	ng		94
17) 2-Methylphenol	8.237	107	437532	41.860	ng		99
18) Hexachloroethane	8.872	117	214290	43.410	ng		95
19) n-Nitroso-di-n-propyla...	8.596	70	363395	37.885	ng		95
20) 3+4-Methylphenols	8.561	107	582361	40.461	ng		99
22) Acetophenone	8.614	105	753390	43.464	ng	#	96
24) Nitrobenzene	8.984	77	537609	45.568	ng		98
25) Isophorone	9.508	82	1033709	41.667	ng		100
26) 2-Nitrophenol	9.690	139	286375	55.137	ng		97
27) 2,4-Dimethylphenol	9.749	122	493381	43.136	ng		95
28) bis(2-Chloroethoxy)met...	9.984	93	638179	42.286	ng		100
29) 2,4-Dichlorophenol	10.225	162	488672	48.800	ng		98
30) 1,2,4-Trichlorobenzene	10.437	180	523381	47.375	ng		99
31) Naphthalene	10.625	128	1591759	44.407	ng		99
32) Benzoic acid	9.878	122	330949	49.903	ng		98
33) 4-Chloroaniline	10.725	127	593334	37.218	ng		99
34) Hexachlorobutadiene	10.913	225	323233	50.969	ng		99
35) Caprolactam	11.502	113	171432	44.130	ng	#	87
36) 4-Chloro-3-methylphenol	11.849	107	544166	46.964	ng		98
37) 2-Methylnaphthalene	12.237	142	1017102	43.839	ng		99
38) 1-Methylnaphthalene	12.454	142	1057382	43.679	ng		99
40) 1,2,4,5-Tetrachloroben...	12.602	216	570573	50.180	ng		100
41) Hexachlorocyclopentadiene	12.590	237	769968	109.716	ng		100
43) 2,4,6-Trichlorophenol	12.843	196	396566	53.989	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.913	196	433772	52.643	ng		99
46) 1,1'-Biphenyl	13.249	154	1452155	47.313	ng		99
47) 2-Chloronaphthalene	13.290	162	1122897	47.954	ng		99
48) 2-Nitroaniline	13.484	65	330804	48.212	ng		92
49) Acenaphthylene	14.143	152	1866977	47.799	ng		100
50) Dimethylphthalate	13.872	163	1444126	47.565	ng		99
51) 2,6-Dinitrotoluene	13.990	165	316740	56.558	ng		92
52) Acenaphthene	14.490	154	1089355	45.724	ng		99
53) 3-Nitroaniline	14.319	138	308445	47.069	ng		95
54) 2,4-Dinitrophenol	14.525	184	347705	97.842	ng	#	49
55) Dibenzofuran	14.825	168	1691570	47.512	ng		99
56) 4-Nitrophenol	14.637	139	553277	95.666	ng		97
57) 2,4-Dinitrotoluene	14.784	165	450385	51.617	ng		96
58) Fluorene	15.490	166	1331045	47.600	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.060	232	375379	54.537	ng		97
60) Diethylphthalate	15.260	149	1480930	48.381	ng		99
61) 4-Chlorophenyl-phenyle...	15.484	204	654384	49.362	ng		99
62) 4-Nitroaniline	15.496	138	347834	53.570	ng		97
63) Azobenzene	15.784	77	1282799	45.112	ng		97
65) 4,6-Dinitro-2-methylph...	15.560	198	250707	61.871	ng		97
66) n-Nitrosodiphenylamine	15.701	169	1219717	48.478	ng		99
67) 4-Bromophenyl-phenylether	16.401	248	425863	51.221	ng		96
68) Hexachlorobenzene	16.513	284	491638	52.699	ng		98
69) Atrazine	16.678	200	457841	51.744	ng		98
70) Pentachlorophenol	16.866	266	655758	110.330	ng		99
71) Phenanthrene	17.266	178	2152208	47.553	ng		99
72) Anthracene	17.360	178	2236589	49.011	ng		100
73) Carbazole	17.631	167	2128727	48.595	ng		100
74) Di-n-butylphthalate	18.231	149	2643367	49.880	ng		100
75) Fluoranthene	19.348	202	2602850	49.680	ng		98
77) Benzidine	19.548	184	1852734	58.096	ng		99
78) Pyrene	19.725	202	2725028	46.509	ng		99
80) Butylbenzylphthalate	20.683	149	1293716	54.444	ng		93
81) Benzo(a)anthracene	21.648	228	2774730	47.390	ng		99
82) 3,3'-Dichlorobenzidine	21.578	252	952616	46.113	ng		98
83) Chrysene	21.719	228	2622727	48.295	ng		99
84) Bis(2-ethylhexyl)phtha...	21.607	149	1909714	50.331	ng		99
85) Di-n-octyl phthalate	22.907	149	3364807	52.981	ng		96
87) Indeno(1,2,3-cd)pyrene	28.936	276	3636188m	49.657	ng		
88) Benzo(b)fluoranthene	23.995	252	2894648	47.332	ng		99
89) Benzo(k)fluoranthene	24.066	252	2856340	47.114	ng		98
90) Benzo(a)pyrene	24.895	252	2832100	48.087	ng		98
91) Dibenzo(a,h)anthracene	29.007	278	2979283	49.678	ng		98
92) Benzo(g,h,i)perylene	30.130	276	2951269	50.142	ng		97

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

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