Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081325\
Data File : BP025377.D
Acq On : 13 Aug 2025 09:51
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 13 10:46:08 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 :
SSTDCCC040

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	162911	20.000	ng		0.00
21) Naphthalene-d8	10.572	136	673350	20.000	ng		0.00
39) Acenaphthene-d10	14.425	164	416841	20.000	ng		0.00
64) Phenanthrene-d10	17.225	188	836446	20.000	ng		0.00
76) Chrysene-d12	21.666	240	867026	20.000	ng		0.00
86) Perylene-d12	25.065	264	1047429	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.413	112	791395	78.132	ng		0.00
7) Phenol-d6	6.972	99	996611	74.762	ng		0.00
23) Nitrobenzene-d5	8.937	82	1095930	90.170	ng		0.00
42) 2,4,6-Tribromophenol	15.936	330	442787	106.478	ng		0.01
45) 2-Fluorobiphenyl	13.037	172	2575530	85.341	ng		0.00
79) Terphenyl-d14	19.942	244	3880765	84.541	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	154019	38.532	ng		95
3) Pyridine	3.731	79	412234	37.120	ng		96
4) n-Nitrosodimethylamine	3.637	42	180350	34.980	ng		92
6) Aniline	7.131	93	691509	37.788	ng		100
8) 2-Chlorophenol	7.372	128	482628	43.530	ng		97
9) Benzaldehyde	6.943	77	407131	43.002	ng		100
10) Phenol	7.002	94	557573	39.092	ng		98
11) bis(2-Chloroethyl)ether	7.225	93	423007	37.851	ng		97
12) 1,3-Dichlorobenzene	7.690	146	502997	40.376	ng		99
13) 1,4-Dichlorobenzene	7.837	146	515319	40.886	ng		99
14) 1,2-Dichlorobenzene	8.149	146	491942	40.292	ng		99
15) Benzyl Alcohol	8.031	79	396868	38.407	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	564054	31.950	ng		95
17) 2-Methylphenol	8.231	107	371935	38.971	ng		97
18) Hexachloroethane	8.872	117	185794	41.220	ng		95
19) n-Nitroso-di-n-propyla...	8.596	70	335462	38.302	ng		93
20) 3+4-Methylphenols	8.554	107	499518	38.009	ng		99
22) Acetophenone	8.607	105	677050	40.054	ng	#	96
24) Nitrobenzene	8.984	77	482357	41.925	ng		97
25) Isophorone	9.507	82	938892	38.808	ng		99
26) 2-Nitrophenol	9.684	139	251939	50.097	ng		98
27) 2,4-Dimethylphenol	9.749	122	428935	38.455	ng		95
28) bis(2-Chloroethoxy)met...	9.978	93	572502	38.899	ng		100
29) 2,4-Dichlorophenol	10.225	162	412684	42.260	ng		99
30) 1,2,4-Trichlorobenzene	10.437	180	468974	43.530	ng		99
31) Naphthalene	10.625	128	1430854	40.934	ng		99
32) Benzoic acid	9.872	122	263556	43.252	ng		97
33) 4-Chloroaniline	10.719	127	601041	38.661	ng		99
34) Hexachlorobutadiene	10.913	225	290090	46.907	ng		98
35) Caprolactam	11.507	113	146520	38.677	ng	#	85
36) 4-Chloro-3-methylphenol	11.848	107	489583	43.328	ng		100
37) 2-Methylnaphthalene	12.237	142	912525	40.333	ng		99
38) 1-Methylnaphthalene	12.448	142	941888	39.898	ng		100
40) 1,2,4,5-Tetrachloroben...	12.607	216	505917	44.455	ng		99
41) Hexachlorocyclopentadiene	12.590	237	317262	45.169	ng		99
43) 2,4,6-Trichlorophenol	12.837	196	335726	45.667	ng		98

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44) 2,4,5-Trichlorophenol	12.913	196	370942	44.979	ng		100
46) 1,1'-Biphenyl	13.242	154	1262313	41.092	ng		99
47) 2-Chloronaphthalene	13.284	162	998894	42.622	ng		100
48) 2-Nitroaniline	13.484	65	288791	42.432	ng		95
49) Acenaphthylene	14.137	152	1618764	41.408	ng		99
50) Dimethylphthalate	13.872	163	1241763	40.865	ng		100
51) 2,6-Dinitrotoluene	13.989	165	270913	48.334	ng		87
52) Acenaphthene	14.484	154	934768	39.201	ng		99
53) 3-Nitroaniline	14.319	138	298286	45.480	ng		96
54) 2,4-Dinitrophenol	14.525	184	133103	53.765	ng	#	48
55) Dibenzofuran	14.831	168	1465683	41.132	ng		99
56) 4-Nitrophenol	14.636	139	244171	42.183	ng		98
57) 2,4-Dinitrotoluene	14.784	165	395234	45.658	ng		98
58) Fluorene	15.489	166	1161174	41.489	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.060	232	321863	46.722	ng		96
60) Diethylphthalate	15.254	149	1242433	40.555	ng		100
61) 4-Chlorophenyl-phenyle...	15.483	204	570645	43.008	ng		100
62) 4-Nitroaniline	15.501	138	298255	45.895	ng		97
63) Azobenzene	15.783	77	1097228	38.553	ng		98
65) 4,6-Dinitro-2-methylph...	15.560	198	211611	54.377	ng		94
66) n-Nitrosodiphenylamine	15.695	169	1042925	40.950	ng		99
67) 4-Bromophenyl-phenylether	16.395	248	367555	43.673	ng		96
68) Hexachlorobenzene	16.519	284	423300	44.825	ng		97
69) Atrazine	16.672	200	379801	42.405	ng		98
70) Pentachlorophenol	16.872	266	298109	49.549	ng		98
71) Phenanthrene	17.272	178	1886510	41.178	ng		100
72) Anthracene	17.360	178	1925956	41.693	ng		100
73) Carbazole	17.636	167	1791533	40.403	ng		100
74) Di-n-butylphthalate	18.236	149	2248337	41.912	ng		100
75) Fluoranthene	19.336	202	2188836	41.272	ng		98
77) Benzidine	19.536	184	1401654	44.665	ng		100
78) Pyrene	19.713	202	2357222	40.885	ng		99
80) Butylbenzylphthalate	20.671	149	1053125	45.038	ng		99
81) Benzo(a)anthracene	21.642	228	2336188	40.547	ng		99
82) 3,3'-Dichlorobenzidine	21.560	252	881515	43.364	ng		99
83) Chrysene	21.713	228	2196085	41.095	ng		99
84) Bis(2-ethylhexyl)phtha...	21.595	149	1576424	42.221	ng		99
85) Di-n-octyl phthalate	22.895	149	2777521	44.443	ng		96
87) Indeno(1,2,3-cd)pyrene	28.936	276	3214175m	42.813	ng		
88) Benzo(b)fluoranthene	23.995	252	2520756	40.203	ng		99
89) Benzo(k)fluoranthene	24.071	252	2461874	39.607	ng		99
90) Benzo(a)pyrene	24.907	252	2431295	40.265	ng		99
91) Dibenzo(a,h)anthracene	29.018	278	2625934	42.708	ng		97
92) Benzo(g,h,i)perylene	30.130	276	2572509	42.630	ng		96

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

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