Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
Data File : BP025343.D
Acq On : 11 Aug 2025 11:08
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 11 12:20:45 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 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.796	152	216631	20.000	ng		0.00
21) Naphthalene-d8	10.572	136	873095	20.000	ng		0.00
39) Acenaphthene-d10	14.419	164	558968	20.000	ng		0.00
64) Phenanthrene-d10	17.219	188	1086110	20.000	ng		0.00
76) Chrysene-d12	21.654	240	1099613	20.000	ng		0.00
86) Perylene-d12	25.042	264	1235980	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.402	112	1071798	79.575	ng		0.00
7) Phenol-d6	6.966	99	1292618	72.921	ng		0.00
23) Nitrobenzene-d5	8.937	82	1358340	86.192	ng		0.00
42) 2,4,6-Tribromophenol	15.925	330	533118	95.603	ng		0.00
45) 2-Fluorobiphenyl	13.031	172	3309943	81.789	ng		0.00
79) Terphenyl-d14	19.948	244	4803441	82.508	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	217058	40.837	ng		95
3) Pyridine	3.725	79	568431	38.493	ng		95
4) n-Nitrosodimethylamine	3.631	42	235666	34.374	ng		91
6) Aniline	7.125	93	893510	36.719	ng		98
8) 2-Chlorophenol	7.366	128	580077	39.345	ng		98
9) Benzaldehyde	6.943	77	535344	42.522	ng		98
10) Phenol	6.990	94	681278	35.920	ng		98
11) bis(2-Chloroethyl)ether	7.225	93	551666	37.122	ng		96
12) 1,3-Dichlorobenzene	7.690	146	660931	39.897	ng		99
13) 1,4-Dichlorobenzene	7.831	146	666930	39.793	ng		99
14) 1,2-Dichlorobenzene	8.149	146	642581	39.578	ng		98
15) Benzyl Alcohol	8.025	79	484911	35.291	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.319	45	772801	32.919	ng		97
17) 2-Methylphenol	8.225	107	467274	36.820	ng		100
18) Hexachloroethane	8.872	117	243173	40.571	ng		96
19) n-Nitroso-di-n-propyla...	8.596	70	421313	36.175	ng		94
20) 3+4-Methylphenols	8.549	107	632190	36.176	ng		97
22) Acetophenone	8.608	105	859001	39.192	ng	#	96
24) Nitrobenzene	8.978	77	606716	40.670	ng		96
25) Isophorone	9.502	82	1203566	38.366	ng		99
26) 2-Nitrophenol	9.684	139	302389	46.643	ng		97
27) 2,4-Dimethylphenol	9.743	122	545557	37.721	ng		97
28) bis(2-Chloroethoxy)met...	9.978	93	737818	38.663	ng		99
29) 2,4-Dichlorophenol	10.213	162	521687	41.201	ng		98
30) 1,2,4-Trichlorobenzene	10.431	180	580371	41.546	ng		100
31) Naphthalene	10.619	128	1811027	39.957	ng		100
32) Benzoic acid	9.855	122	375993	46.273	ng		96
33) 4-Chloroaniline	10.713	127	776588	38.525	ng		99
34) Hexachlorobutadiene	10.913	225	343790	42.873	ng		98
35) Caprolactam	11.484	113	191704	39.027	ng		91
36) 4-Chloro-3-methylphenol	11.837	107	579237	39.535	ng		99
37) 2-Methylnaphthalene	12.225	142	1169979	39.881	ng		98
38) 1-Methylnaphthalene	12.443	142	1237086	40.414	ng		100
40) 1,2,4,5-Tetrachloroben...	12.596	216	642752	42.118	ng		99
41) Hexachlorocyclopentadiene	12.584	237	426707	45.304	ng		97
43) 2,4,6-Trichlorophenol	12.837	196	431164	43.736	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	476982	43.131	ng		99
46) 1,1'-Biphenyl	13.243	154	1654987	40.176	ng		99
47) 2-Chloronaphthalene	13.284	162	1284009	40.857	ng		98
48) 2-Nitroaniline	13.472	65	367171	40.385	ng		92
49) Acenaphthylene	14.131	152	2099523	40.051	ng		100
50) Dimethylphthalate	13.866	163	1614991	39.633	ng		100
51) 2,6-Dinitrotoluene	13.984	165	343079	45.646	ng		88
52) Acenaphthene	14.478	154	1320053	41.283	ng		100
53) 3-Nitroaniline	14.307	138	403138	45.838	ng		95
54) 2,4-Dinitrophenol	14.513	184	163906	50.859	ng	#	52
55) Dibenzofuran	14.819	168	1947016	40.746	ng		99
56) 4-Nitrophenol	14.619	139	308271	39.715	ng		93
57) 2,4-Dinitrotoluene	14.778	165	483211	41.915	ng		96
58) Fluorene	15.484	166	1532588	40.836	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.054	232	415315	44.958	ng		97
60) Diethylphthalate	15.254	149	1660802	40.427	ng		99
61) 4-Chlorophenyl-phenyle...	15.484	204	733524	41.227	ng		97
62) 4-Nitroaniline	15.490	138	400872	46.001	ng		92
63) Azobenzene	15.784	77	1467744	38.459	ng		97
65) 4,6-Dinitro-2-methylph...	15.548	198	252665	51.208	ng		98
66) n-Nitrosodiphenylamine	15.695	169	1375450	41.592	ng		100
67) 4-Bromophenyl-phenylether	16.395	248	461487	42.229	ng		98
68) Hexachlorobenzene	16.513	284	519543	42.370	ng		94
69) Atrazine	16.672	200	489042	42.051	ng		99
70) Pentachlorophenol	16.860	266	348264	44.579	ng		99
71) Phenanthrene	17.266	178	2432843	40.897	ng		99
72) Anthracene	17.354	178	2482165	41.382	ng		100
73) Carbazole	17.631	167	2344408	40.718	ng		100
74) Di-n-butylphthalate	18.248	149	2910329	41.782	ng		99
75) Fluoranthene	19.342	202	2776749	40.322	ng		99
77) Benzidine	19.536	184	1761683	44.264	ng		99
78) Pyrene	19.713	202	2917301	39.896	ng		100
80) Butylbenzylphthalate	20.672	149	1381650	46.590	ng		99
81) Benzo(a)anthracene	21.630	228	2922687	39.997	ng		100
82) 3,3'-Dichlorobenzidine	21.560	252	1089544	42.261	ng		99
83) Chrysene	21.707	228	2774830	40.942	ng		99
84) Bis(2-ethylhexyl)phtha...	21.595	149	2100204	44.352	ng		100
85) Di-n-octyl phthalate	22.901	149	3620050	45.673	ng		97
87) Indeno(1,2,3-cd)pyrene	28.889	276	3670614m	41.434	ng		
88) Benzo(b)fluoranthene	23.989	252	2967263	40.105	ng		99
89) Benzo(k)fluoranthene	24.054	252	2981203	40.646	ng		99
90) Benzo(a)pyrene	24.889	252	2924780	41.049	ng		99
91) Dibenzo(a,h)anthracene	28.971	278	3026310	41.711	ng		99
92) Benzo(g,h,i)perylene	30.083	276	2966546	41.661	ng		99

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

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