Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090425\
Data File : BP025655.D
Acq On : 04 Sep 2025 11:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 04 12:27:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.766	152	176431	20.000	ng	-0.03
21) Naphthalene-d8	10.537	136	723699	20.000	ng	-0.02
39) Acenaphthene-d10	14.395	164	468229	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	925618	20.000	ng	0.00
76) Chrysene-d12	21.654	240	969344	20.000	ng	0.00
86) Perylene-d12	25.030	264	1086846	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	815086	76.722	ng	-0.01
7) Phenol-d6	6.955	99	1033235	75.857	ng	-0.01
23) Nitrobenzene-d5	8.913	82	1130002	78.985	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	506996	80.445	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	2572922	75.099	ng	-0.02
79) Terphenyl-d14	19.919	244	4125291	77.862	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.319	88	157884	37.941	ng	97
3) Pyridine	3.714	79	420414	36.911	ng	91
4) n-Nitrosodimethylamine	3.619	42	200461	42.690	ng	91
6) Aniline	7.102	93	690252	37.612	ng	97
8) 2-Chlorophenol	7.343	128	453058	37.791	ng	97
9) Benzaldehyde	6.919	77	443523	46.477	ng	97
10) Phenol	6.984	94	536920	37.567	ng	96
11) bis(2-Chloroethyl)ether	7.196	93	416446	37.384	ng	96
12) 1,3-Dichlorobenzene	7.660	146	505441	38.235	ng	98
13) 1,4-Dichlorobenzene	7.802	146	508262	37.616	ng	99
14) 1,2-Dichlorobenzene	8.113	146	491674	37.591	ng	99
15) Benzyl Alcohol	8.007	79	407954	37.695	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.284	45	596445	39.968	ng	99
17) 2-Methylphenol	8.213	107	374050	37.682	ng	98
18) Hexachloroethane	8.837	117	191243	38.495	ng	95
19) n-Nitroso-di-n-propyla...	8.566	70	341004	37.796	ng	97
20) 3+4-Methylphenols	8.537	107	501342	36.436	ng	97
22) Acetophenone	8.578	105	688750	37.950	ng	97
24) Nitrobenzene	8.954	77	495321	38.740	ng	99
25) Isophorone	9.478	82	954913	37.716	ng	99
26) 2-Nitrophenol	9.660	139	252059	38.413	ng	96
27) 2,4-Dimethylphenol	9.725	122	421692	37.369	ng	99
28) bis(2-Chloroethoxy)met...	9.949	93	566456	37.012	ng	99
29) 2,4-Dichlorophenol	10.201	162	425896	37.993	ng	98
30) 1,2,4-Trichlorobenzene	10.401	180	455108	37.036	ng	97
31) Naphthalene	10.590	128	1411247	37.519	ng	100
32) Benzoic acid	9.884	122	327118m	39.265	ng	
33) 4-Chloroaniline	10.696	127	612679	36.875	ng	99
34) Hexachlorobutadiene	10.872	225	296484	38.741	ng	99
35) Caprolactam	11.490	113	150269	36.558	ng	94
36) 4-Chloro-3-methylphenol	11.831	107	489089	38.023	ng	96
37) 2-Methylnaphthalene	12.195	142	891374	36.415	ng	99
38) 1-Methylnaphthalene	12.419	142	941257	36.158	ng	98
40) 1,2,4,5-Tetrachloroben...	12.572	216	520259	38.472	ng	99
41) Hexachlorocyclopentadiene	12.548	237	310001	37.951	ng	98
43) 2,4,6-Trichlorophenol	12.819	196	345644	37.860	ng	99

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44) 2,4,5-Trichlorophenol	12.895	196	380150	37.993	ng		99
46) 1,1'-Biphenyl	13.213	154	1269592	37.335	ng		97
47) 2-Chloronaphthalene	13.254	162	991238	37.444	ng		99
48) 2-Nitroaniline	13.466	65	316821	41.073	ng		92
49) Acenaphthylene	14.113	152	1631760	37.250	ng		100
50) Dimethylphthalate	13.848	163	1283064	37.420	ng		99
51) 2,6-Dinitrotoluene	13.960	165	281915	39.009	ng		93
52) Acenaphthene	14.466	154	925784	36.005	ng		98
53) 3-Nitroaniline	14.295	138	306453	37.690	ng		92
54) 2,4-Dinitrophenol	14.519	184	182678	47.334	ng		98
55) Dibenzofuran	14.795	168	1503873	36.994	ng		99
56) 4-Nitrophenol	14.631	139	234196	35.051	ng		91
57) 2,4-Dinitrotoluene	14.760	165	405337	39.311	ng		95
58) Fluorene	15.454	166	1188894	37.063	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.031	232	335912	38.021	ng		98
60) Diethylphthalate	15.231	149	1320587	37.904	ng		100
61) 4-Chlorophenyl-phenyle...	15.448	204	598194	37.497	ng		96
62) 4-Nitroaniline	15.484	138	307332	36.870	ng		95
63) Azobenzene	15.748	77	1177138	39.459	ng		97
65) 4,6-Dinitro-2-methylph...	15.548	198	251626	43.610	ng		90
66) n-Nitrosodiphenylamine	15.672	169	1068107	37.841	ng		99
67) 4-Bromophenyl-phenylether	16.366	248	386474	37.964	ng		95
68) Hexachlorobenzene	16.483	284	461222	39.084	ng		97
69) Atrazine	16.648	200	400425	37.881	ng		98
70) Pentachlorophenol	16.842	266	288707	38.756	ng		96
71) Phenanthrene	17.242	178	1909927	37.562	ng		99
72) Anthracene	17.336	178	1957798	37.704	ng		100
73) Carbazole	17.619	167	1818215	37.175	ng		99
74) Di-n-butylphthalate	18.201	149	2346581	38.996	ng		100
75) Fluoranthene	19.330	202	2207260	36.392	ng		99
77) Benzidine	19.524	184	1149032	34.733	ng		99
78) Pyrene	19.707	202	2347623	37.261	ng		99
80) Butylbenzylphthalate	20.648	149	1107161	38.774	ng		99
81) Benzo(a)anthracene	21.630	228	2376481	37.174	ng		100
82) 3,3'-Dichlorobenzidine	21.542	252	871886	36.184	ng		99
83) Chrysene	21.701	228	2239820	37.412	ng		99
84) Bis(2-ethylhexyl)phtha...	21.560	149	1610894	38.324	ng		100
85) Di-n-octyl phthalate	22.848	149	2853928	39.474	ng		98
87) Indeno(1,2,3-cd)pyrene	28.853	276	2962991	37.174	ng	#	86
88) Benzo(b)fluoranthene	23.948	252	2416432	37.705	ng		99
89) Benzo(k)fluoranthene	24.018	252	2431701	37.917	ng		99
90) Benzo(a)pyrene	24.860	252	2343678	37.568	ng		98
91) Dibenzo(a,h)anthracene	28.942	278	2442931	37.505	ng		99
92) Benzo(g,h,i)perylene	30.053	276	2395974	37.421	ng		99

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

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