Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091825\
Data File : BP025779.D
Acq On : 18 Sep 2025 10:15
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 18 10:36:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/19/2025
Supervised By :Jagrut Upadhyay 09/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	158404	20.000	ng	0.00
21) Naphthalene-d8	10.519	136	625211	20.000	ng	0.00
39) Acenaphthene-d10	14.377	164	407763	20.000	ng	0.00
64) Phenanthrene-d10	17.177	188	814552	20.000	ng	0.00
76) Chrysene-d12	21.624	240	839284	20.000	ng	-0.02
86) Perylene-d12	24.989	264	949311	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	777128	79.160	ng	0.00
7) Phenol-d6	6.943	99	1004029	76.944	ng	0.00
23) Nitrobenzene-d5	8.895	82	1106486	78.067	ng	0.00
42) 2,4,6-Tribromophenol	15.889	330	392407	77.154	ng	-0.02
45) 2-Fluorobiphenyl	12.983	172	2396292	78.248	ng	0.00
79) Terphenyl-d14	19.901	244	3607713	77.331	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.307	88	161779	39.264	ng	99
3) Pyridine	3.707	79	440070	38.788	ng	97
4) n-Nitrosodimethylamine	3.613	42	199691	37.301	ng	99
6) Aniline	7.090	93	677217	37.807	ng	100
8) 2-Chlorophenol	7.331	128	417894	38.803	ng	100
9) Benzaldehyde	6.907	77	234027m	29.922	ng	
10) Phenol	6.966	94	523082	38.017	ng	99
11) bis(2-Chloroethyl)ether	7.184	93	420806	38.067	ng	98
12) 1,3-Dichlorobenzene	7.643	146	476816	38.901	ng	98
13) 1,4-Dichlorobenzene	7.790	146	480963	38.521	ng	99
14) 1,2-Dichlorobenzene	8.101	146	460350	37.953	ng	99
15) Benzyl Alcohol	7.995	79	393767	36.519	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.266	45	688169	38.067	ng	99
17) 2-Methylphenol	8.195	107	348651	37.584	ng	99
18) Hexachloroethane	8.819	117	184637	38.715	ng	98
19) n-Nitroso-di-n-propyla...	8.548	70	348051	38.242	ng	97
20) 3+4-Methylphenols	8.519	107	474003	36.486	ng	98
22) Acetophenone	8.566	105	661291	39.579	ng	99
24) Nitrobenzene	8.937	77	499994	39.323	ng	99
25) Isophorone	9.460	82	961433	38.592	ng	99
26) 2-Nitrophenol	9.642	139	229316	40.621	ng	98
27) 2,4-Dimethylphenol	9.707	122	394474	39.831	ng	99
28) bis(2-Chloroethoxy)met...	9.931	93	574631	39.903	ng	99
29) 2,4-Dichlorophenol	10.184	162	391115	39.608	ng	99
30) 1,2,4-Trichlorobenzene	10.384	180	438042	39.362	ng	100
31) Naphthalene	10.572	128	1301183	38.597	ng	100
32) Benzoic acid	9.866	122	272873	37.059	ng	100
33) 4-Chloroaniline	10.678	127	555952	39.566	ng	99
34) Hexachlorobutadiene	10.854	225	281365	39.275	ng	100
35) Caprolactam	11.478	113	138414	36.363	ng	98
36) 4-Chloro-3-methylphenol	11.813	107	447780	38.035	ng	97
37) 2-Methylnaphthalene	12.178	142	833429	38.491	ng	100
38) 1-Methylnaphthalene	12.401	142	867112	37.554	ng	100
40) 1,2,4,5-Tetrachloroben...	12.554	216	497510	40.264	ng	100
41) Hexachlorocyclopentadiene	12.531	237	256354	38.093	ng	98
43) 2,4,6-Trichlorophenol	12.801	196	332166	40.892	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.883	196	356994	39.489	ng		95
46)	1,1'-Biphenyl	13.195	154	1192375	39.839	ng		100
47)	2-Chloronaphthalene	13.242	162	934689	39.661	ng		99
48)	2-Nitroaniline	13.448	65	317688	40.439	ng		99
49)	Acenaphthylene	14.095	152	1528221	39.137	ng		99
50)	Dimethylphthalate	13.825	163	1206166	38.744	ng		99
51)	2,6-Dinitrotoluene	13.948	165	262093	39.737	ng		97
52)	Acenaphthene	14.442	154	881819	39.160	ng		100
53)	3-Nitroaniline	14.289	138	277103	39.952	ng		96
54)	2,4-Dinitrophenol	14.501	184	142388	36.025	ng		99
55)	Dibenzofuran	14.777	168	1416513	38.596	ng		97
56)	4-Nitrophenol	14.624	139	193390	35.046	ng		98
57)	2,4-Dinitrotoluene	14.748	165	375612	40.016	ng		96
58)	Fluorene	15.436	166	1110643	38.057	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.019	232	315991	38.802	ng		99
60)	Diethylphthalate	15.207	149	1216958	38.538	ng		99
61)	4-Chlorophenyl-phenyle...	15.436	204	556849	37.861	ng		99
62)	4-Nitroaniline	15.466	138	280193	39.433	ng		98
63)	Azobenzene	15.736	77	1209837	39.623	ng		99
65)	4,6-Dinitro-2-methylph...	15.524	198	213863	39.480	ng		97
66)	n-Nitrosodiphenylamine	15.654	169	1005906	40.354	ng		99
67)	4-Bromophenyl-phenylether	16.348	248	360346	40.269	ng		99
68)	Hexachlorobenzene	16.471	284	389988	39.080	ng		99
69)	Atrazine	16.630	200	374631	39.317	ng		96
70)	Pentachlorophenol	16.830	266	260282	39.519	ng		99
71)	Phenanthrene	17.224	178	1819426	39.376	ng		99
72)	Anthracene	17.318	178	1843864	39.330	ng		100
73)	Carbazole	17.601	167	1700206	39.008	ng		100
74)	Di-n-butylphthalate	18.189	149	2135477	39.924	ng		100
75)	Fluoranthene	19.307	202	2150247	38.802	ng		100
77)	Benzidine	19.507	184	952026	39.379	ng		99
78)	Pyrene	19.683	202	2271165	40.556	ng		99
80)	Butylbenzylphthalate	20.636	149	987001	40.196	ng		97
81)	Benzo(a)anthracene	21.606	228	2230866	38.826	ng		100
82)	3,3'-Dichlorobenzidine	21.530	252	776642	39.091	ng		99
83)	Chrysene	21.671	228	2164011	39.509	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.536	149	1446281	40.259	ng		99
85)	Di-n-octyl phthalate	22.812	149	2508444	39.254	ng		100
87)	Indeno(1,2,3-cd)pyrene	28.830	276	2748086	39.807	ng	#	75
88)	Benzo(b)fluoranthene	23.930	252	2316841	39.909	ng		99
89)	Benzo(k)fluoranthene	24.006	252	2272279	38.358	ng		99
90)	Benzo(a)pyrene	24.830	252	2213971	38.944	ng		99
91)	Dibenzo(a,h)anthracene	28.894	278	2260343	40.010	ng		98
92)	Benzo(g,h,i)perylene	30.000	276	2233204	40.196	ng		100

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

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