Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143375.D
Acq On : 13 Aug 2025 15:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 13 16:25:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	142183	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	532547	20.000	ng		0.00
39) Acenaphthene-d10	9.963	164	280155	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	414161	20.000	ng		0.00
76) Chrysene-d12	14.092	240	311692	20.000	ng		0.00
86) Perylene-d12	15.580	264	380743	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	557941	67.858	ng		0.00
7) Phenol-d6	6.563	99	668602	63.411	ng		0.00
23) Nitrobenzene-d5	7.487	82	609217	71.239	ng		0.00
42) 2,4,6-Tribromophenol	10.751	330	153302	74.875	ng		0.00
45) 2-Fluorobiphenyl	9.281	172	1137493	68.852	ng		0.00
79) Terphenyl-d14	13.033	244	1060142	60.724	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	135272	31.794	ng		98
3) Pyridine	3.510	79	364965	32.190	ng		98
4) n-Nitrosodimethylamine	3.440	42	166866	31.595	ng		97
6) Aniline	6.593	93	466271	31.368	ng		98
8) 2-Chlorophenol	6.716	128	301320	34.297	ng		98
9) Benzaldehyde	6.481	77	220790	31.682	ng		99
10) Phenol	6.575	94	396137	31.714	ng		99
11) bis(2-Chloroethyl)ether	6.657	93	305052	33.137	ng		99
12) 1,3-Dichlorobenzene	6.875	146	336714	33.227	ng		99
13) 1,4-Dichlorobenzene	6.945	146	336314	33.067	ng		99
14) 1,2-Dichlorobenzene	7.098	146	321082	33.257	ng		99
15) Benzyl Alcohol	7.069	79	250963	33.205	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	552137	33.595	ng		98
17) 2-Methylphenol	7.181	107	237620	32.041	ng		99
18) Hexachloroethane	7.445	117	117308	36.789	ng		97
19) n-Nitroso-di-n-propyla...	7.334	70	209936	32.223	ng		98
20) 3+4-Methylphenols	7.334	107	291824	32.537	ng		96
22) Acetophenone	7.334	105	383657	32.697	ng	#	97
24) Nitrobenzene	7.504	77	323310	34.811	ng		99
25) Isophorone	7.745	82	571933	32.761	ng		99
26) 2-Nitrophenol	7.822	139	146992	40.139	ng		99
27) 2,4-Dimethylphenol	7.863	122	252430m	34.658	ng		
28) bis(2-Chloroethoxy)met...	7.951	93	359282	33.707	ng		99
29) 2,4-Dichlorophenol	8.069	162	248689	34.959	ng		98
30) 1,2,4-Trichlorobenzene	8.151	180	256446	34.175	ng		99
31) Naphthalene	8.234	128	849869	33.165	ng		100
32) Benzoic acid	7.945	122	72695m	27.564	ng		
33) 4-Chloroaniline	8.275	127	302922	32.774	ng		100
34) Hexachlorobutadiene	8.351	225	166399	35.647	ng		99
35) Caprolactam	8.628	113	66390	33.198	ng		94
36) 4-Chloro-3-methylphenol	8.757	107	244639	32.804	ng		98
37) 2-Methylnaphthalene	8.922	142	566761	33.642	ng		99
38) 1-Methylnaphthalene	9.022	142	539612	33.258	ng		100
40) 1,2,4,5-Tetrachloroben...	9.092	216	268069	34.967	ng		100
41) Hexachlorocyclopentadiene	9.081	237	96295	39.285	ng		99
43) 2,4,6-Trichlorophenol	9.204	196	152206	34.992	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	167691	34.139	ng	99
46) 1,1'-Biphenyl	9.386	154	673225	33.987	ng	99
47) 2-Chloronaphthalene	9.410	162	524013	33.589	ng	99
48) 2-Nitroaniline	9.504	65	157073	35.664	ng	98
49) Acenaphthylene	9.828	152	745240	33.079	ng	100
50) Dimethylphthalate	9.675	163	578964	35.368	ng	100
51) 2,6-Dinitrotoluene	9.739	165	114561	37.663	ng	95
52) Acenaphthene	9.998	154	496290	33.135	ng	99
53) 3-Nitroaniline	9.910	138	124269	37.068	ng	98
54) 2,4-Dinitrophenol	10.022	184	26990	31.747	ng	93
55) Dibenzofuran	10.169	168	711150	32.990	ng	99
56) 4-Nitrophenol	10.075	139	75539	31.741	ng	98
57) 2,4-Dinitrotoluene	10.145	165	151897	37.646	ng	90
58) Fluorene	10.510	166	545337	33.121	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	113591	34.306	ng	99
60) Diethylphthalate	10.381	149	542830	37.021	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	276957	34.812	ng	98
62) 4-Nitroaniline	10.522	138	111923	34.507	ng	98
63) Azobenzene	10.663	77	551455	32.926	ng	99
65) 4,6-Dinitro-2-methylph...	10.557	198	51789	33.493	ng	92
66) n-Nitrosodiphenylamine	10.616	169	463067	33.956	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	168183	35.507	ng	98
68) Hexachlorobenzene	11.063	284	176143	34.499	ng	99
69) Atrazine	11.139	200	145202	40.822	ng	99
70) Pentachlorophenol	11.257	266	105636	45.062	ng	97
71) Phenanthrene	11.475	178	740641	32.777	ng	100
72) Anthracene	11.527	178	759937	33.161	ng	99
73) Carbazole	11.680	167	639211	32.752	ng	100
74) Di-n-butylphthalate	12.004	149	782503	47.381	ng	100
75) Fluoranthene	12.663	202	698921	35.311	ng	99
77) Benzidine	12.780	184	259786	30.486	ng	99
78) Pyrene	12.892	202	716275	27.393	ng	100
80) Butylbenzylphthalate	13.504	149	276153	53.064	ng	95
81) Benzo(a)anthracene	14.080	228	649572	32.789	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	219574	41.046	ng	98
83) Chrysene	14.116	228	606853	32.851	ng	99
84) Bis(2-ethylhexyl)phtha...	14.063	149	398390	52.051	ng	98
85) Di-n-octyl phthalate	14.674	149	705507	46.796	ng	96
87) Indeno(1,2,3-cd)pyrene	17.104	276	881606	32.320	ng	100
88) Benzo(b)fluoranthene	15.139	252	708748	34.034	ng	99
89) Benzo(k)fluoranthene	15.168	252	661612	32.696	ng	100
90) Benzo(a)pyrene	15.515	252	646299	32.951	ng	100
91) Dibenzo(a,h)anthracene	17.115	278	713480	32.740	ng	98
92) Benzo(g,h,i)perylene	17.557	276	680499	30.998	ng	99

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

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