Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143223.D
Acq On : 24 Jul 2025 10:00
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 24 12:23:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/25/2025
Supervised By :Jagrut Upadhyay 07/25/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	111280	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	414377	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	207756	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	339055	20.000	ng		0.00
76) Chrysene-d12	14.121	240	239429	20.000	ng		0.00
86) Perylene-d12	15.621	264	272622	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	510609	72.611	ng		0.00
7) Phenol-d6	6.587	99	631018	71.292	ng		0.00
23) Nitrobenzene-d5	7.522	82	648825	78.050	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	159979	74.539	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1168464	76.918	ng		0.00
79) Terphenyl-d14	13.063	244	1059262	65.836	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	122011	36.668	ng		99
3) Pyridine	3.569	79	309361	35.820	ng		98
4) n-Nitrosodimethylamine	3.510	42	160826	36.068	ng		99
6) Aniline	6.622	93	435695	35.320	ng		99
8) 2-Chlorophenol	6.751	128	268754	36.461	ng		97
9) Benzaldehyde	6.510	77	238241	35.895	ng		98
10) Phenol	6.604	94	364929	37.846	ng		97
11) bis(2-Chloroethyl)ether	6.692	93	259751	35.183	ng		99
12) 1,3-Dichlorobenzene	6.904	146	297463	37.149	ng		99
13) 1,4-Dichlorobenzene	6.981	146	300210	37.229	ng		99
14) 1,2-Dichlorobenzene	7.134	146	283950	37.023	ng		100
15) Benzyl Alcohol	7.098	79	247035	36.553	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	484476	35.375	ng		100
17) 2-Methylphenol	7.210	107	221052	35.667	ng		100
18) Hexachloroethane	7.481	117	105891	37.932	ng		98
19) n-Nitroso-di-n-propyla...	7.369	70	197073	34.704	ng		99
20) 3+4-Methylphenols	7.357	107	275040	36.577	ng		91
22) Acetophenone	7.369	105	361776	36.877	ng	#	98
24) Nitrobenzene	7.539	77	293530	37.874	ng		100
25) Isophorone	7.775	82	526777	35.896	ng		100
26) 2-Nitrophenol	7.857	139	142946	42.498	ng		99
27) 2,4-Dimethylphenol	7.886	122	246366	35.933	ng		99
28) bis(2-Chloroethoxy)met...	7.986	93	319213	36.279	ng		100
29) 2,4-Dichlorophenol	8.098	162	215033	37.189	ng		99
30) 1,2,4-Trichlorobenzene	8.186	180	236481	37.857	ng		100
31) Naphthalene	8.269	128	763924	37.433	ng		100
32) Benzoic acid	7.981	122	157387m	41.533	ng		
33) 4-Chloroaniline	8.304	127	302711	36.327	ng		99
34) Hexachlorobutadiene	8.386	225	147967	38.776	ng		98
35) Caprolactam	8.663	113	67272	38.501	ng		99
36) 4-Chloro-3-methylphenol	8.781	107	232884	37.056	ng		99
37) 2-Methylnaphthalene	8.957	142	465708	37.502	ng		99
38) 1-Methylnaphthalene	9.057	142	478847	37.446	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	230675	38.458	ng		98
41) Hexachlorocyclopentadiene	9.116	237	155129	39.748	ng		99
43) 2,4,6-Trichlorophenol	9.228	196	156619	37.728	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.269	196	159582	38.431	ng		98
46)	1,1'-Biphenyl	9.416	154	618266	38.143	ng		100
47)	2-Chloronaphthalene	9.445	162	454577	37.902	ng		99
48)	2-Nitroaniline	9.528	65	151760	40.349	ng		97
49)	Acenaphthylene	9.863	152	758100	37.718	ng		99
50)	Dimethylphthalate	9.710	163	511764	37.790	ng		100
51)	2,6-Dinitrotoluene	9.769	165	110269	40.027	ng		97
52)	Acenaphthene	10.033	154	452451	38.086	ng		99
53)	3-Nitroaniline	9.939	138	124866	38.751	ng		100
54)	2,4-Dinitrophenol	10.039	184	49816	43.239	ng	#	41
55)	Dibenzofuran	10.204	168	660667	37.458	ng		99
56)	4-Nitrophenol	10.092	139	93943	39.042	ng		99
57)	2,4-Dinitrotoluene	10.175	165	142108	41.116	ng		94
58)	Fluorene	10.545	166	496825	37.532	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.322	232	119588	34.766	ng		99
60)	Diethylphthalate	10.410	149	506919	37.872	ng		100
61)	4-Chlorophenyl-phenyle...	10.533	204	248613	37.718	ng		97
62)	4-Nitroaniline	10.551	138	110823	40.129	ng		100
63)	Azobenzene	10.698	77	512140	36.712	ng		99
65)	4,6-Dinitro-2-methylph...	10.580	198	73016	41.860	ng		99
66)	n-Nitrosodiphenylamine	10.651	169	433801	36.334	ng		99
67)	4-Bromophenyl-phenylether	11.027	248	150872	37.339	ng		99
68)	Hexachlorobenzene	11.098	284	153720	36.398	ng		99
69)	Atrazine	11.175	200	129249	39.267	ng		99
70)	Pentachlorophenol	11.286	266	90901	36.600	ng		99
71)	Phenanthrene	11.510	178	668653	37.142	ng		100
72)	Anthracene	11.563	178	676610	36.851	ng		100
73)	Carbazole	11.710	167	610945	38.106	ng		99
74)	Di-n-butylphthalate	12.039	149	740660	40.828	ng		100
75)	Fluoranthene	12.698	202	660752	39.987	ng		99
77)	Benzidine	12.810	184	354342	38.413	ng		99
78)	Pyrene	12.927	202	669545	32.766	ng		100
80)	Butylbenzylphthalate	13.533	149	273177	43.658	ng		99
81)	Benzo(a)anthracene	14.110	228	573171	35.757	ng		100
82)	3,3'-Dichlorobenzidine	14.068	252	204209	38.223	ng		100
83)	Chrysene	14.145	228	542734	37.658	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.098	149	391891	41.379	ng		99
85)	Di-n-octyl phthalate	14.710	149	685070	39.906	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.162	276	733829	38.173	ng		98
88)	Benzo(b)fluoranthene	15.180	252	595194	35.737	ng		99
89)	Benzo(k)fluoranthene	15.210	252	582858	39.218	ng		100
90)	Benzo(a)pyrene	15.557	252	576570	37.574	ng		99
91)	Dibenzo(a,h)anthracene	17.180	278	589676	37.687	ng		99
92)	Benzo(g,h,i)perylene	17.633	276	585287	38.670	ng		98

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

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