Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143143.D
Acq On : 17 Jul 2025 12:34
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 17 15:02:41 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 14:54:43 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	168491	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	642580	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	329670	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	532921	20.000	ng		0.00
76) Chrysene-d12	14.121	240	305398	20.000	ng		0.00
86) Perylene-d12	15.621	264	338518	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	444546	41.752	ng		0.00
7) Phenol-d6	6.575	99	558427	41.668	ng		-0.01
23) Nitrobenzene-d5	7.516	82	535581m	41.547	ng		0.00
42) 2,4,6-Tribromophenol	10.780	330	139748	41.034	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1019688	42.301	ng		0.00
79) Terphenyl-d14	13.063	244	866830	42.238	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.810	88	103481	20.540	ng		99
3) Pyridine	3.581	79	261405	19.990	ng		99
4) n-Nitrosodimethylamine	3.510	42	134638	19.942	ng		99
6) Aniline	6.622	93	382991	20.505	ng		99
8) 2-Chlorophenol	6.745	128	231044	20.702	ng		98
9) Benzaldehyde	6.510	77	196003	19.504	ng		98
10) Phenol	6.593	94	299259m	20.497	ng		
11) bis(2-Chloroethyl)ether	6.692	93	232425	20.792	ng		98
12) 1,3-Dichlorobenzene	6.904	146	251734	20.763	ng		99
13) 1,4-Dichlorobenzene	6.981	146	253137	20.733	ng		100
14) 1,2-Dichlorobenzene	7.134	146	243437	20.963	ng		99
15) Benzyl Alcohol	7.092	79	210016	20.524	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	428827	20.680	ng		100
17) 2-Methylphenol	7.198	107	192172	20.479	ng		99
18) Hexachloroethane	7.481	117	88036	20.828	ng		98
19) n-Nitroso-di-n-propyla...	7.363	70	173142	20.137	ng		97
20) 3+4-Methylphenols	7.351	107	247578	21.745	ng		96
22) Acetophenone	7.363	105	321774	21.151	ng	#	99
24) Nitrobenzene	7.534	77	249251	20.739	ng		98
25) Isophorone	7.775	82	457146	20.088	ng		99
26) 2-Nitrophenol	7.851	139	105681	20.261	ng		98
27) 2,4-Dimethylphenol	7.887	122	218960	20.594	ng		99
28) bis(2-Chloroethoxy)met...	7.987	93	283946	20.811	ng		100
29) 2,4-Dichlorophenol	8.092	162	184432	20.569	ng		99
30) 1,2,4-Trichlorobenzene	8.181	180	204103	21.070	ng		98
31) Naphthalene	8.263	128	662968	20.949	ng		100
32) Benzoic acid	7.957	122	95515m	19.382	ng		
33) 4-Chloroaniline	8.304	127	269101	20.825	ng		99
34) Hexachlorobutadiene	8.386	225	122624	20.722	ng		98
35) Caprolactam	8.651	113	53950	19.911	ng		95
36) 4-Chloro-3-methylphenol	8.775	107	197317	20.246	ng		99
37) 2-Methylnaphthalene	8.957	142	403298	20.943	ng		100
38) 1-Methylnaphthalene	9.057	142	417629	21.060	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	198009	20.804	ng		99
41) Hexachlorocyclopentadiene	9.116	237	122922	19.848	ng		100
43) 2,4,6-Trichlorophenol	9.228	196	135703	20.601	ng		100

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44) 2,4,5-Trichlorophenol	9.263	196	135634	20.584	ng		99
46) 1,1'-Biphenyl	9.416	154	540637	21.019	ng		100
47) 2-Chloronaphthalene	9.445	162	393002	20.650	ng		99
48) 2-Nitroaniline	9.528	65	122517	20.528	ng		99
49) Acenaphthylene	9.857	152	663048	20.789	ng		100
50) Dimethylphthalate	9.710	163	441768	20.558	ng		100
51) 2,6-Dinitrotoluene	9.769	165	89742	20.529	ng		97
52) Acenaphthene	10.033	154	390249	20.702	ng		99
53) 3-Nitroaniline	9.933	138	103870	20.314	ng		94
54) 2,4-Dinitrophenol	10.039	184	26820	19.073	ng	#	1
55) Dibenzofuran	10.204	168	582320	20.806	ng		98
56) 4-Nitrophenol	10.081	139	75275	19.715	ng		99
57) 2,4-Dinitrotoluene	10.169	165	112851	20.577	ng		99
58) Fluorene	10.545	166	435866	20.750	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.316	232	113851	20.859	ng		100
60) Diethylphthalate	10.410	149	440058	20.719	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	216496	20.699	ng		99
62) 4-Nitroaniline	10.545	138	87666	20.005	ng		99
63) Azobenzene	10.698	77	458013	20.690	ng		99
65) 4,6-Dinitro-2-methylph...	10.580	198	46122	20.060	ng		95
66) n-Nitrosodiphenylamine	10.651	169	384467	20.488	ng		100
67) 4-Bromophenyl-phenylether	11.028	248	128663	20.259	ng		99
68) Hexachlorobenzene	11.098	284	134031	20.191	ng		99
69) Atrazine	11.169	200	105386	20.370	ng		99
70) Pentachlorophenol	11.280	266	77906	19.957	ng		99
71) Phenanthrene	11.510	178	595411	21.042	ng		99
72) Anthracene	11.557	178	604416	20.944	ng		99
73) Carbazole	11.704	167	523365	20.769	ng		100
74) Di-n-butylphthalate	12.039	149	601867	21.108	ng		100
75) Fluoranthene	12.692	202	542662	20.894	ng		99
77) Benzidine	12.810	184	257904	21.919	ng		99
78) Pyrene	12.922	202	544650	20.897	ng		99
80) Butylbenzylphthalate	13.539	149	163546	20.491	ng		99
81) Benzo(a)anthracene	14.110	228	421791	20.629	ng		99
82) 3,3'-Dichlorobenzidine	14.068	252	151153	22.181	ng		100
83) Chrysene	14.145	228	380799	20.714	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	251739	20.839	ng		99
85) Di-n-octyl phthalate	14.716	149	436102	19.916	ng		99
87) Indeno(1,2,3-cd)pyrene	17.151	276	484240	20.286	ng		99
88) Benzo(b)fluoranthene	15.174	252	435747	21.071	ng		99
89) Benzo(k)fluoranthene	15.204	252	369899	20.044	ng		100
90) Benzo(a)pyrene	15.557	252	388136	20.371	ng		99
91) Dibenzo(a,h)anthracene	17.168	278	398949	20.534	ng		99
92) Benzo(g,h,i)perylene	17.615	276	385915	20.534	ng		99

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

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