Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143141.D
Acq On : 17 Jul 2025 11:34
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 17 15:01:07 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 :
SSTDICC005

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	129942	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	504796	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	263409	20.000	ng		0.00
64) Phenanthrene-d10	11.480	188	432329	20.000	ng		0.00
76) Chrysene-d12	14.116	240	253004	20.000	ng		0.00
86) Perylene-d12	15.615	264	255898	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	89958	10.955	ng		0.00
7) Phenol-d6	6.569	99	112575	10.892	ng		-0.02
23) Nitrobenzene-d5	7.510	82	102749m	10.146	ng		-0.01
42) 2,4,6-Tribromophenol	10.780	330	26288	9.661	ng		0.00
45) 2-Fluorobiphenyl	9.310	172	231962	12.043	ng		-0.01
79) Terphenyl-d14	13.063	244	198167	11.656	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.816	88	20208	5.201	ng		97
3) Pyridine	3.587	79	52981	5.254	ng		99
6) Aniline	6.616	93	75811	5.263	ng		99
8) 2-Chlorophenol	6.740	128	45203	5.252	ng		98
10) Phenol	6.581	94	61148	5.431	ng		99
11) bis(2-Chloroethyl)ether	6.687	93	46083	5.345	ng		98
12) 1,3-Dichlorobenzene	6.904	146	51056	5.460	ng		98
13) 1,4-Dichlorobenzene	6.981	146	52031	5.526	ng		100
14) 1,2-Dichlorobenzene	7.134	146	49028	5.474	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.234	45	86727	5.423	ng		100
17) 2-Methylphenol	7.192	107	38278	5.289	ng		97
18) Hexachloroethane	7.481	117	16944	5.198	ng		97
19) n-Nitroso-di-n-propyla...	7.357	70	36103	5.445	ng		98
22) Acetophenone	7.357	105	66559	5.569	ng	#	98
24) Nitrobenzene	7.528	77	47902	5.074	ng		96
25) Isophorone	7.769	82	94372	5.279	ng		99
26) 2-Nitrophenol	7.851	139	16827	4.107	ng		98
27) 2,4-Dimethylphenol	7.881	122	44954	5.382	ng		100
28) bis(2-Chloroethoxy)met...	7.981	93	58465	5.455	ng		99
29) 2,4-Dichlorophenol	8.087	162	36884	5.236	ng		97
30) 1,2,4-Trichlorobenzene	8.181	180	41552	5.460	ng		99
31) Naphthalene	8.263	128	141099	5.676	ng		99
33) 4-Chloroaniline	8.304	127	55130	5.431	ng		98
34) Hexachlorobutadiene	8.386	225	24322	5.232	ng		100
36) 4-Chloro-3-methylphenol	8.769	107	40203	5.251	ng		98
37) 2-Methylnaphthalene	8.951	142	84234	5.568	ng		98
38) 1-Methylnaphthalene	9.051	142	86130	5.529	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	41999	5.523	ng		100
43) 2,4,6-Trichlorophenol	9.222	196	25730	4.889	ng		100
44) 2,4,5-Trichlorophenol	9.257	196	26626	5.057	ng		98
46) 1,1'-Biphenyl	9.416	154	115130	5.602	ng		100
47) 2-Chloronaphthalene	9.439	162	83495	5.491	ng		98
48) 2-Nitroaniline	9.522	65	20076	4.210	ng		95
49) Acenaphthylene	9.857	152	140525	5.514	ng		98
50) Dimethylphthalate	9.704	163	93611	5.452	ng		99
51) 2,6-Dinitrotoluene	9.763	165	14787	4.234	ng		90

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52) Acenaphthene	10.028	154	84160	5.588	ng		99
53) 3-Nitroaniline	9.928	138	18738	4.587	ng		94
55) Dibenzofuran	10.198	168	127035	5.681	ng		97
57) 2,4-Dinitrotoluene	10.163	165	17709	4.041	ng		92
58) Fluorene	10.539	166	97477	5.808	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.316	232	21108	4.840	ng	#	97
60) Diethylphthalate	10.404	149	90651	5.342	ng		99
61) 4-Chlorophenyl-phenyle...	10.533	204	46747	5.594	ng		98
62) 4-Nitroaniline	10.533	138	15568	4.446	ng		96
63) Azobenzene	10.692	77	95602	5.405	ng		99
66) n-Nitrosodiphenylamine	10.645	169	82281	5.405	ng		100
67) 4-Bromophenyl-phenylether	11.022	248	27259	5.291	ng		97
68) Hexachlorobenzene	11.092	284	29052	5.395	ng		98
69) Atrazine	11.169	200	19865	4.733	ng		99
71) Phenanthrene	11.504	178	128762	5.609	ng		100
72) Anthracene	11.557	178	127938	5.465	ng		98
73) Carbazole	11.704	167	112588	5.507	ng		99
74) Di-n-butylphthalate	12.039	149	116291	5.027	ng		99
75) Fluoranthene	12.692	202	117249	5.565	ng		99
78) Pyrene	12.922	202	120767	5.593	ng		98
80) Butylbenzylphthalate	13.533	149	27699	4.189	ng		97
81) Benzo(a)anthracene	14.104	228	86920	5.131	ng		98
83) Chrysene	14.139	228	81091	5.325	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	43732	4.370	ng		99
87) Indeno(1,2,3-cd)pyrene	17.139	276	91076	5.047	ng		100
88) Benzo(b)fluoranthene	15.174	252	78749	5.037	ng		99
89) Benzo(k)fluoranthene	15.204	252	74738	5.358	ng		98
90) Benzo(a)pyrene	15.551	252	72196	5.012	ng		98
91) Dibenzo(a,h)anthracene	17.162	278	74120	5.047	ng		100
92) Benzo(g,h,i)perylene	17.604	276	70403	4.955	ng		99

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

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