Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080625\
Data File : BF143321.D
Acq On : 06 Aug 2025 10:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 06 11:02:45 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 08/07/2025
Supervised By :Jagrut Upadhyay 08/07/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	93994	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	362759	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	183910	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	288255	20.000	ng		0.00
76) Chrysene-d12	14.127	240	185364	20.000	ng		0.00
86) Perylene-d12	15.639	264	207436	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.592	112	463592	78.049	ng		0.00
7) Phenol-d6	6.592	99	573204	76.670	ng		0.00
23) Nitrobenzene-d5	7.522	82	577049	79.293	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	139957	73.666	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1030626	76.641	ng		0.00
79) Terphenyl-d14	13.068	244	919477	73.816	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	111551	39.690	ng		99
3) Pyridine	3.575	79	276891	37.957	ng		98
4) n-Nitrosodimethylamine	3.510	42	141254	37.504	ng		98
6) Aniline	6.622	93	399704	38.361	ng		97
8) 2-Chlorophenol	6.751	128	244056	39.199	ng		97
9) Benzaldehyde	6.516	77	246229	43.922	ng		99
10) Phenol	6.604	94	328280	40.306	ng		98
11) bis(2-Chloroethyl)ether	6.692	93	244187	39.157	ng		99
12) 1,3-Dichlorobenzene	6.904	146	266162	39.353	ng		99
13) 1,4-Dichlorobenzene	6.981	146	267431	39.263	ng		99
14) 1,2-Dichlorobenzene	7.134	146	256308	39.564	ng		99
15) Benzyl Alcohol	7.098	79	216883	37.993	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	460159	39.778	ng		99
17) 2-Methylphenol	7.210	107	198894	37.993	ng		99
18) Hexachloroethane	7.481	117	93642	39.713	ng		97
19) n-Nitroso-di-n-propyla...	7.369	70	179335	37.389	ng		99
20) 3+4-Methylphenols	7.363	107	242334	38.154	ng	#	76
22) Acetophenone	7.369	105	323684	37.689	ng	#	98
24) Nitrobenzene	7.539	77	264947	39.050	ng		99
25) Isophorone	7.781	82	489357	38.091	ng		98
26) 2-Nitrophenol	7.857	139	129917	44.120	ng		99
27) 2,4-Dimethylphenol	7.892	122	223310	37.204	ng		99
28) bis(2-Chloroethoxy)met...	7.986	93	302434	39.263	ng		100
29) 2,4-Dichlorophenol	8.098	162	192730	38.075	ng		98
30) 1,2,4-Trichlorobenzene	8.186	180	213229	38.992	ng		100
31) Naphthalene	8.269	128	691059	38.681	ng		99
32) Benzoic acid	7.981	122	106373m	33.245	ng		
33) 4-Chloroaniline	8.310	127	279406	38.302	ng		99
34) Hexachlorobutadiene	8.386	225	131684	39.419	ng		100
35) Caprolactam	8.669	113	59113	38.646	ng		95
36) 4-Chloro-3-methylphenol	8.786	107	207498	37.714	ng		100
37) 2-Methylnaphthalene	8.957	142	421258	38.749	ng		99
38) 1-Methylnaphthalene	9.057	142	436164	38.961	ng		100
40) 1,2,4,5-Tetrachloroben...	9.127	216	212536	40.028	ng		99
41) Hexachlorocyclopentadiene	9.116	237	143236	41.459	ng		99
43) 2,4,6-Trichlorophenol	9.233	196	132710	36.114	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	136570	37.153	ng		99
46) 1,1'-Biphenyl	9.422	154	567447	39.547	ng		99
47) 2-Chloronaphthalene	9.445	162	413869	38.982	ng		99
48) 2-Nitroaniline	9.533	65	134122	40.284	ng		99
49) Acenaphthylene	9.863	152	686323	38.574	ng		100
50) Dimethylphthalate	9.716	163	469788	39.189	ng		99
51) 2,6-Dinitrotoluene	9.775	165	99430	40.772	ng		98
52) Acenaphthene	10.033	154	416251	39.582	ng		98
53) 3-Nitroaniline	9.945	138	108737	38.121	ng		97
54) 2,4-Dinitrophenol	10.051	184	49412	47.646	ng	#	1
55) Dibenzofuran	10.204	168	598340	38.323	ng		99
56) 4-Nitrophenol	10.104	139	78987	37.083	ng		96
57) 2,4-Dinitrotoluene	10.180	165	129259	42.248	ng		93
58) Fluorene	10.551	166	450581	38.452	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	110805	36.390	ng		97
60) Diethylphthalate	10.416	149	463326	39.103	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	229288	39.297	ng		97
62) 4-Nitroaniline	10.557	138	90634	37.074	ng		97
63) Azobenzene	10.698	77	474057	38.388	ng		99
65) 4,6-Dinitro-2-methylph...	10.592	198	56266	38.449	ng		96
66) n-Nitrosodiphenylamine	10.651	169	392747	38.693	ng		100
67) 4-Bromophenyl-phenylether	11.027	248	134598	39.182	ng		99
68) Hexachlorobenzene	11.104	284	139026	38.720	ng		98
69) Atrazine	11.180	200	116463	41.618	ng		99
70) Pentachlorophenol	11.292	266	101308	47.978	ng		98
71) Phenanthrene	11.510	178	589471	38.514	ng		100
72) Anthracene	11.563	178	611080	39.147	ng		100
73) Carbazole	11.716	167	517420	37.961	ng		99
74) Di-n-butylphthalate	12.039	149	671328	43.528	ng		100
75) Fluoranthene	12.704	202	571814	40.703	ng		100
77) Benzidine	12.816	184	264896	37.092	ng		99
78) Pyrene	12.933	202	568245	35.920	ng		99
80) Butylbenzylphthalate	13.539	149	232165	47.926	ng		99
81) Benzo(a)anthracene	14.121	228	484702	39.057	ng		100
82) 3,3'-Dichlorobenzidine	14.074	252	174009	42.070	ng		98
83) Chrysene	14.157	228	434264	38.920	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	326539	44.535	ng		100
85) Di-n-octyl phthalate	14.715	149	544595	40.976	ng	#	99
87) Indeno(1,2,3-cd)pyrene	17.186	276	478421	32.708	ng		99
88) Benzo(b)fluoranthene	15.192	252	521614	41.161	ng		99
89) Benzo(k)fluoranthene	15.221	252	410076	36.263	ng		99
90) Benzo(a)pyrene	15.574	252	457088	39.149	ng		99
91) Dibenzo(a,h)anthracene	17.198	278	389063	32.679	ng		99
92) Benzo(g,h,i)perylene	17.650	276	376357	32.680	ng		99

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

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