Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143397.D
Acq On : 14 Aug 2025 22:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 15 01:35:30 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 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	152105	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	563232	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	277841	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	378614	20.000	ng	0.00
76) Chrysene-d12	14.098	240	246790	20.000	ng	0.00
86) Perylene-d12	15.592	264	345291	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	643911	73.205	ng	0.00
7) Phenol-d6	6.563	99	792527	70.261	ng	0.00
23) Nitrobenzene-d5	7.493	82	702587	77.681	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	163924	80.730	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1223203	74.656	ng	0.00
79) Terphenyl-d14	13.039	244	881305	63.756	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	157177	34.533	ng	98
3) Pyridine	3.516	79	421075	34.717	ng	99
4) n-Nitrosodimethylamine	3.457	42	195742	34.645	ng	99
6) Aniline	6.598	93	543387	34.171	ng	98
8) 2-Chlorophenol	6.722	128	350779	37.322	ng	97
9) Benzaldehyde	6.487	77	243421	32.651	ng	98
10) Phenol	6.581	94	472975	35.396	ng	96
11) bis(2-Chloroethyl)ether	6.663	93	348679	35.405	ng	99
12) 1,3-Dichlorobenzene	6.875	146	388534	35.839	ng	100
13) 1,4-Dichlorobenzene	6.951	146	391006	35.936	ng	99
14) 1,2-Dichlorobenzene	7.104	146	370583	35.880	ng	99
15) Benzyl Alcohol	7.075	79	295961	36.604	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.204	45	593645	33.764	ng	99
17) 2-Methylphenol	7.187	107	281294	35.456	ng	99
18) Hexachloroethane	7.445	117	132838	38.942	ng	99
19) n-Nitroso-di-n-propyla...	7.340	70	233943	33.566	ng	99
20) 3+4-Methylphenols	7.340	107	337641	35.190	ng	97
22) Acetophenone	7.340	105	432509	34.852	ng	97
24) Nitrobenzene	7.510	77	372258	37.898	ng	98
25) Isophorone	7.751	82	637222	34.512	ng	100
26) 2-Nitrophenol	7.828	139	177089	45.217	ng	100
27) 2,4-Dimethylphenol	7.863	122	291775m	37.878	ng	
28) bis(2-Chloroethoxy)met...	7.957	93	402907	35.741	ng	99
29) 2,4-Dichlorophenol	8.075	162	290315	38.587	ng	99
30) 1,2,4-Trichlorobenzene	8.157	180	294443	37.101	ng	99
31) Naphthalene	8.240	128	975346	35.988	ng	99
32) Benzoic acid	7.975	122	128968	40.763	ng	97
33) 4-Chloroaniline	8.281	127	345847	35.380	ng	100
34) Hexachlorobutadiene	8.357	225	191788	38.848	ng	99
35) Caprolactam	8.640	113	76776	36.300	ng	100
36) 4-Chloro-3-methylphenol	8.763	107	278956	35.367	ng	97
37) 2-Methylnaphthalene	8.928	142	629467	35.329	ng	100
38) 1-Methylnaphthalene	9.028	142	594152	34.624	ng	100
40) 1,2,4,5-Tetrachloroben...	9.098	216	294195	38.695	ng	100
41) Hexachlorocyclopentadiene	9.087	237	129924	51.058	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	180656	41.879	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	191510	39.313	ng		98
46) 1,1'-Biphenyl	9.392	154	734155	37.371	ng		99
47) 2-Chloronaphthalene	9.416	162	579598	37.462	ng		99
48) 2-Nitroaniline	9.510	65	170708	38.817	ng		96
49) Acenaphthylene	9.828	152	817159	36.573	ng		100
50) Dimethylphthalate	9.681	163	611502	37.666	ng		100
51) 2,6-Dinitrotoluene	9.745	165	123848	40.788	ng		94
52) Acenaphthene	10.004	154	541033	36.423	ng		99
53) 3-Nitroaniline	9.916	138	136382	41.020	ng		96
54) 2,4-Dinitrophenol	10.028	184	31584	35.584	ng	#	84
55) Dibenzofuran	10.175	168	772029	36.113	ng		100
56) 4-Nitrophenol	10.081	139	70771	30.288	ng		95
57) 2,4-Dinitrotoluene	10.151	165	159522	39.688	ng		90
58) Fluorene	10.516	166	572834	35.081	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.298	232	130610	39.774	ng		98
60) Diethylphthalate	10.386	149	536101	36.866	ng		98
61) 4-Chlorophenyl-phenyle...	10.510	204	285928	36.239	ng		98
62) 4-Nitroaniline	10.528	138	116589	36.245	ng		98
63) Azobenzene	10.669	77	562010	33.836	ng		98
65) 4,6-Dinitro-2-methylph...	10.563	198	64754	43.140	ng		92
66) n-Nitrosodiphenylamine	10.622	169	476800	38.245	ng		99
67) 4-Bromophenyl-phenylether	10.998	248	172874	39.924	ng		97
68) Hexachlorobenzene	11.069	284	177709	38.074	ng		99
69) Atrazine	11.145	200	132597	40.779	ng		99
70) Pentachlorophenol	11.263	266	66512	32.879	ng		98
71) Phenanthrene	11.480	178	742863	35.962	ng		100
72) Anthracene	11.533	178	762390	36.392	ng		99
73) Carbazole	11.686	167	608695	34.117	ng		99
74) Di-n-butylphthalate	12.010	149	643625	42.631	ng		100
75) Fluoranthene	12.669	202	628208	34.718	ng		99
77) Benzidine	12.786	184	251288	37.244	ng		99
78) Pyrene	12.898	202	640096	30.918	ng		99
80) Butylbenzylphthalate	13.510	149	206438	50.287	ng		96
81) Benzo(a)anthracene	14.086	228	560700	35.746	ng		99
82) 3,3'-Dichlorobenzidine	14.045	252	188593	44.526	ng		99
83) Chrysene	14.121	228	537379	36.741	ng		99
84) Bis(2-ethylhexyl)phtha...	14.069	149	309325	51.120	ng		98
85) Di-n-octyl phthalate	14.686	149	611488	50.655	ng		95
87) Indeno(1,2,3-cd)pyrene	17.121	276	924731	37.381	ng		99
88) Benzo(b)fluoranthene	15.151	252	716789	37.954	ng		100
89) Benzo(k)fluoranthene	15.180	252	602501	32.831	ng		99
90) Benzo(a)pyrene	15.527	252	649502	36.515	ng		100
91) Dibenzo(a,h)anthracene	17.133	278	751396	38.021	ng		98
92) Benzo(g,h,i)perylene	17.580	276	738534	37.096	ng		99

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

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