Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143399.D
Acq On : 15 Aug 2025 03:54
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 15 13:04:24 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	154119	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	585558	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	307669	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	448323	20.000	ng	0.00
76) Chrysene-d12	14.098	240	298922	20.000	ng	0.00
86) Perylene-d12	15.592	264	377299	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	666444	74.777	ng	0.00
7) Phenol-d6	6.563	99	816901	71.476	ng	0.00
23) Nitrobenzene-d5	7.493	82	737761	78.460	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	193949	86.257	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1308576	72.124	ng	0.00
79) Terphenyl-d14	13.039	244	1104297	65.955	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	178884	38.788	ng	97
3) Pyridine	3.516	79	440108	35.812	ng	98
4) n-Nitrosodimethylamine	3.458	42	199433	34.837	ng	98
6) Aniline	6.598	93	562376	34.903	ng	98
8) 2-Chlorophenol	6.722	128	368039	38.646	ng	96
9) Benzaldehyde	6.487	77	247585	32.775	ng	97
10) Phenol	6.581	94	481619	35.572	ng	96
11) bis(2-Chloroethyl)ether	6.663	93	359103	35.987	ng	99
12) 1,3-Dichlorobenzene	6.875	146	399589	36.378	ng	99
13) 1,4-Dichlorobenzene	6.951	146	401173	36.389	ng	100
14) 1,2-Dichlorobenzene	7.104	146	380149	36.325	ng	100
15) Benzyl Alcohol	7.075	79	303375	37.031	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	604495	33.932	ng	100
17) 2-Methylphenol	7.187	107	298798	37.170	ng	99
18) Hexachloroethane	7.451	117	137360	39.741	ng	94
19) n-Nitroso-di-n-propyla...	7.345	70	240660	34.078	ng	99
20) 3+4-Methylphenols	7.340	107	350891	36.093	ng	98
22) Acetophenone	7.340	105	450772	34.939	ng	97
24) Nitrobenzene	7.510	77	391763	38.363	ng	99
25) Isophorone	7.751	82	679055	35.375	ng	100
26) 2-Nitrophenol	7.828	139	189734	46.487	ng	99
27) 2,4-Dimethylphenol	7.863	122	304951m	38.079	ng	
28) bis(2-Chloroethoxy)met...	7.957	93	426215	36.367	ng	99
29) 2,4-Dichlorophenol	8.075	162	308637	39.458	ng	98
30) 1,2,4-Trichlorobenzene	8.157	180	309994	37.571	ng	100
31) Naphthalene	8.240	128	1015616	36.045	ng	99
32) Benzoic acid	7.981	122	148637	44.034	ng	97
33) 4-Chloroaniline	8.281	127	369334	36.342	ng	100
34) Hexachlorobutadiene	8.357	225	197920	38.562	ng	99
35) Caprolactam	8.645	113	86672	39.416	ng	99
36) 4-Chloro-3-methylphenol	8.763	107	303083	36.961	ng	98
37) 2-Methylnaphthalene	8.928	142	668140	36.070	ng	99
38) 1-Methylnaphthalene	9.028	142	640396	35.896	ng	100
40) 1,2,4,5-Tetrachloroben...	9.098	216	313835	37.276	ng	99
41) Hexachlorocyclopentadiene	9.087	237	149463	52.784	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	197297	41.302	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	214438	39.752	ng		97
46) 1,1'-Biphenyl	9.392	154	786326	36.146	ng		99
47) 2-Chloronaphthalene	9.416	162	628536	36.686	ng		99
48) 2-Nitroaniline	9.510	65	190071	39.015	ng		94
49) Acenaphthylene	9.828	152	898622	36.320	ng		99
50) Dimethylphthalate	9.681	163	682495	37.964	ng		100
51) 2,6-Dinitrotoluene	9.745	165	145324	43.044	ng		95
52) Acenaphthene	10.004	154	598801	36.404	ng		99
53) 3-Nitroaniline	9.916	138	157424	42.759	ng		97
54) 2,4-Dinitrophenol	10.028	184	59555	51.347	ng	#	82
55) Dibenzofuran	10.175	168	846919	35.775	ng		99
56) 4-Nitrophenol	10.081	139	114908	41.856	ng		96
57) 2,4-Dinitrotoluene	10.151	165	189688	42.395	ng		89
58) Fluorene	10.516	166	630662	34.878	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.298	232	158397	43.560	ng		97
60) Diethylphthalate	10.386	149	622164	38.637	ng		99
61) 4-Chlorophenyl-phenyle...	10.510	204	320765	36.713	ng		98
62) 4-Nitroaniline	10.528	138	142815	40.094	ng		98
63) Azobenzene	10.669	77	633989	34.469	ng		97
65) 4,6-Dinitro-2-methylph...	10.563	198	88176	48.521	ng		91
66) n-Nitrosodiphenylamine	10.628	169	544301	36.871	ng		99
67) 4-Bromophenyl-phenylether	10.998	248	197816	38.580	ng		98
68) Hexachlorobenzene	11.069	284	206818	37.421	ng		98
69) Atrazine	11.151	200	163775	42.535	ng		99
70) Pentachlorophenol	11.269	266	258266	94.322	ng		96
71) Phenanthrene	11.480	178	874214	35.740	ng		100
72) Anthracene	11.533	178	876126	35.318	ng		100
73) Carbazole	11.686	167	740341	35.043	ng		99
74) Di-n-butylphthalate	12.010	149	810616	45.343	ng		100
75) Fluoranthene	12.669	202	775610	36.199	ng		99
77) Benzidine	12.786	184	322181	39.424	ng		98
78) Pyrene	12.898	202	798173	31.829	ng		99
80) Butylbenzylphthalate	13.510	149	267587	53.579	ng		97
81) Benzo(a)anthracene	14.086	228	672240	35.382	ng		100
82) 3,3'-Dichlorobenzidine	14.045	252	226457	44.142	ng		99
83) Chrysene	14.127	228	662658	37.405	ng		99
84) Bis(2-ethylhexyl)phtha...	14.069	149	376483	51.348	ng		98
85) Di-n-octyl phthalate	14.686	149	690916	47.658	ng		95
87) Indeno(1,2,3-cd)pyrene	17.121	276	977103	36.148	ng		99
88) Benzo(b)fluoranthene	15.151	252	799255	38.730	ng		99
89) Benzo(k)fluoranthene	15.180	252	687057	34.263	ng		99
90) Benzo(a)pyrene	15.527	252	716381	36.858	ng		99
91) Dibenzo(a,h)anthracene	17.133	278	769353	35.627	ng		99
92) Benzo(g,h,i)perylene	17.580	276	765398	35.184	ng		99

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

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