Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143414.D
Acq On : 15 Aug 2025 12:45
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Aug 15 13:01:57 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	132531	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	517048	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	290133	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	440724	20.000	ng	0.00
76) Chrysene-d12	14.098	240	263251	20.000	ng	0.00
86) Perylene-d12	15.592	264	287708	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	501865	65.483	ng	0.00
7) Phenol-d6	6.563	99	632566	64.363	ng	0.00
23) Nitrobenzene-d5	7.492	82	586323	70.617	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	171695	80.975	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1116757	65.272	ng	0.00
79) Terphenyl-d14	13.039	244	970470	65.816	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	116348	29.338	ng	97
3) Pyridine	3.504	79	314400	29.750	ng	98
4) n-Nitrosodimethylamine	3.440	42	143636	29.178	ng	95
6) Aniline	6.592	93	435030	31.397	ng	96
8) 2-Chlorophenol	6.722	128	279422	34.120	ng	97
9) Benzaldehyde	6.481	77	188756	29.058	ng	97
10) Phenol	6.581	94	377915	32.459	ng	92
11) bis(2-Chloroethyl)ether	6.663	93	276577	32.232	ng	99
12) 1,3-Dichlorobenzene	6.875	146	310626	32.885	ng	99
13) 1,4-Dichlorobenzene	6.951	146	313512	33.070	ng	99
14) 1,2-Dichlorobenzene	7.104	146	297152	33.020	ng	99
15) Benzyl Alcohol	7.069	79	242210	34.380	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.204	45	475921	31.066	ng	99
17) 2-Methylphenol	7.187	107	229936	33.263	ng	98
18) Hexachloroethane	7.445	117	107231	36.078	ng	99
19) n-Nitroso-di-n-propyla...	7.339	70	198094	32.620	ng	99
20) 3+4-Methylphenols	7.334	107	283796	33.947	ng	99
22) Acetophenone	7.339	105	365619	32.094	ng	97
24) Nitrobenzene	7.510	77	306868	34.031	ng	99
25) Isophorone	7.751	82	558781	32.967	ng	99
26) 2-Nitrophenol	7.828	139	150133	42.036	ng	99
27) 2,4-Dimethylphenol	7.863	122	246303m	34.831	ng	
28) bis(2-Chloroethoxy)met...	7.957	93	342133	33.061	ng	99
29) 2,4-Dichlorophenol	8.075	162	243882	35.311	ng	99
30) 1,2,4-Trichlorobenzene	8.157	180	246099	33.779	ng	100
31) Naphthalene	8.239	128	810500	32.577	ng	100
32) Benzoic acid	7.969	122	107890	38.012	ng	99
33) 4-Chloroaniline	8.281	127	299367	33.361	ng	100
34) Hexachlorobutadiene	8.357	225	157186	34.683	ng	99
35) Caprolactam	8.639	113	74885	38.568	ng	99
36) 4-Chloro-3-methylphenol	8.763	107	251420	34.724	ng	100
37) 2-Methylnaphthalene	8.928	142	554956	33.929	ng	100
38) 1-Methylnaphthalene	9.028	142	529993	33.644	ng	99
40) 1,2,4,5-Tetrachloroben...	9.098	216	264167	33.273	ng	100
41) Hexachlorocyclopentadiene	9.086	237	82626	33.685	ng	100
43) 2,4,6-Trichlorophenol	9.204	196	166424	36.945	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	180539	35.491	ng	98
46) 1,1'-Biphenyl	9.392	154	668180	32.572	ng	99
47) 2-Chloronaphthalene	9.416	162	525241	32.510	ng	99
48) 2-Nitroaniline	9.510	65	164879	36.111	ng	97
49) Acenaphthylene	9.833	152	760268	32.585	ng	99
50) Dimethylphthalate	9.680	163	614540	36.250	ng	100
51) 2,6-Dinitrotoluene	9.745	165	128875	40.656	ng	92
52) Acenaphthene	10.004	154	493236	31.799	ng	99
53) 3-Nitroaniline	9.916	138	139833	40.277	ng	97
54) 2,4-Dinitrophenol	10.028	184	24625	29.103	ng	90
55) Dibenzofuran	10.175	168	737792	33.049	ng	100
56) 4-Nitrophenol	10.080	139	75898	30.958	ng	98
57) 2,4-Dinitrotoluene	10.151	165	171422	40.754	ng	89
58) Fluorene	10.522	166	551057	32.317	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.298	232	132484	38.636	ng	97
60) Diethylphthalate	10.386	149	586261	38.608	ng	99
61) 4-Chlorophenyl-phenyle...	10.510	204	284659	34.550	ng	100
62) 4-Nitroaniline	10.527	138	127282	37.893	ng	99
63) Azobenzene	10.669	77	563404	32.483	ng	98
65) 4,6-Dinitro-2-methylph...	10.563	198	56010	33.921	ng	90
66) n-Nitrosodiphenylamine	10.622	169	483005	33.283	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	177054	35.127	ng	97
68) Hexachlorobenzene	11.075	284	182234	33.541	ng	97
69) Atrazine	11.151	200	162627	42.966	ng	98
70) Pentachlorophenol	11.269	266	73538	31.527	ng	97
71) Phenanthrene	11.480	178	770997	32.064	ng	100
72) Anthracene	11.533	178	784923	32.187	ng	98
73) Carbazole	11.686	167	654998	31.538	ng	99
74) Di-n-butylphthalate	12.010	149	837836	47.674	ng	100
75) Fluoranthene	12.669	202	663149	31.484	ng	99
77) Benzidine	12.786	184	254862	35.412	ng	98
78) Pyrene	12.898	202	659217	29.850	ng	99
80) Butylbenzylphthalate	13.510	149	238799	54.249	ng	97
81) Benzo(a)anthracene	14.086	228	536603	32.070	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	174378	38.596	ng	99
83) Chrysene	14.121	228	518068	33.206	ng	100
84) Bis(2-ethylhexyl)phtha...	14.068	149	311459	48.477	ng	97
85) Di-n-octyl phthalate	14.686	149	543645	43.223	ng	94
87) Indeno(1,2,3-cd)pyrene	17.121	276	516402	25.053	ng	99
88) Benzo(b)fluoranthene	15.151	252	568955	36.155	ng	99
89) Benzo(k)fluoranthene	15.180	252	506257	33.108	ng	99
90) Benzo(a)pyrene	15.527	252	494384	33.357	ng	99
91) Dibenzo(a,h)anthracene	17.133	278	424135	25.756	ng	98
92) Benzo(g,h,i)perylene	17.574	276	380387	22.931	ng	100

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

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