Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
Data File : BF143877.D
Acq On : 06 Oct 2025 10:57
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 06 15:38:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	126533	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	493548	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	283821	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	504357	20.000	ng	0.00
76) Chrysene-d12	14.057	240	366499	20.000	ng	-0.01
86) Perylene-d12	15.539	264	297391	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	170697	21.422	ng	-0.01
7) Phenol-d6	6.493	99	206358	21.727	ng	-0.02
23) Nitrobenzene-d5	7.440	82	164127	20.204	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	54453	19.262	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	404164	22.595	ng	-0.01
79) Terphenyl-d14	12.998	244	442968	20.657	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.622	88	37665	10.215	ng	96
3) Pyridine	3.399	79	105800	9.856	ng	99
4) n-Nitrosodimethylamine	3.322	42	49793	8.818	ng	99
6) Aniline	6.540	93	147222	10.344	ng	98
8) 2-Chlorophenol	6.663	128	77754	9.983	ng	97
9) Benzaldehyde	6.434	77	70546	9.629	ng	98
10) Phenol	6.510	94	114780m	10.109	ng	
11) bis(2-Chloroethyl)ether	6.610	93	92208	10.513	ng	98
12) 1,3-Dichlorobenzene	6.822	146	100630	10.793	ng	96
13) 1,4-Dichlorobenzene	6.898	146	101588	11.046	ng	97
14) 1,2-Dichlorobenzene	7.051	146	95345	10.824	ng	98
15) Benzyl Alcohol	7.016	79	70756	9.943	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	214183	10.728	ng	99
17) 2-Methylphenol	7.122	107	66872	10.389	ng	96
18) Hexachloroethane	7.398	117	32160	10.486	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	71731	11.034	ng	94
20) 3+4-Methylphenols	7.275	107	88634	11.881	ng	95
22) Acetophenone	7.287	105	113751	10.900	ng	96
24) Nitrobenzene	7.457	77	86228	9.558	ng	96
25) Isophorone	7.698	82	174767	10.203	ng	98
26) 2-Nitrophenol	7.781	139	32787	8.477	ng	95
27) 2,4-Dimethylphenol	7.810	122	70960	10.199	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	116898	10.804	ng	95
29) 2,4-Dichlorophenol	8.016	162	72141	9.954	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	73668	10.336	ng	98
31) Naphthalene	8.187	128	245857	10.951	ng	99
32) Benzoic acid	7.869	122	32361m	6.721	ng	
33) 4-Chloroaniline	8.234	127	91294	10.842	ng	95
34) Hexachlorobutadiene	8.304	225	52824	10.665	ng	98
35) Caprolactam	8.569	113	22813	9.900	ng	95
36) 4-Chloro-3-methylphenol	8.704	107	74546	10.708	ng	96
37) 2-Methylnaphthalene	8.875	142	168581	11.272	ng	98
38) 1-Methylnaphthalene	8.975	142	161895	11.160	ng	96
40) 1,2,4,5-Tetrachloroben...	9.039	216	83972	10.705	ng	97
41) Hexachlorocyclopentadiene	9.034	237	25812	7.932	ng	95
43) 2,4,6-Trichlorophenol	9.151	196	55929	9.758	ng	93

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44) 2,4,5-Trichlorophenol	9.186	196	63036	10.407	ng		98
46) 1,1'-Biphenyl	9.339	154	209528	11.150	ng		99
47) 2-Chloronaphthalene	9.363	162	169672	10.829	ng		96
48) 2-Nitroaniline	9.457	65	45663	9.219	ng		96
49) Acenaphthylene	9.781	152	241454	10.962	ng		98
50) Dimethylphthalate	9.633	163	191729	10.638	ng		99
51) 2,6-Dinitrotoluene	9.698	165	28928	8.655	ng		95
52) Acenaphthene	9.957	154	158214	10.962	ng		99
53) 3-Nitroaniline	9.869	138	38386	9.380	ng		99
54) 2,4-Dinitrophenol	9.975	184	8624	10.761	ng	#	60
55) Dibenzofuran	10.128	168	228160	11.199	ng		97
56) 4-Nitrophenol	10.016	139	24585	7.934	ng		89
57) 2,4-Dinitrotoluene	10.098	165	40299	8.862	ng		95
58) Fluorene	10.469	166	179607	11.683	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	43052	10.041	ng	#	95
60) Diethylphthalate	10.339	149	181846	10.860	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	94000	11.565	ng		98
62) 4-Nitroaniline	10.475	138	36684	9.322	ng		95
63) Azobenzene	10.622	77	188888	10.794	ng		98
65) 4,6-Dinitro-2-methylph...	10.510	198	16274	6.421	ng		96
66) n-Nitrosodiphenylamine	10.580	169	172118	10.869	ng		97
67) 4-Bromophenyl-phenylether	10.957	248	58980	10.581	ng		96
68) Hexachlorobenzene	11.022	284	67494	10.459	ng		98
69) Atrazine	11.104	200	52016	10.837	ng		98
70) Pentachlorophenol	11.216	266	29608	7.989	ng		96
71) Phenanthrene	11.433	178	275484	11.267	ng		99
72) Anthracene	11.486	178	276694	11.201	ng		99
73) Carbazole	11.639	167	242534	11.086	ng		99
74) Di-n-butylphthalate	11.975	149	275838	10.879	ng		99
75) Fluoranthene	12.627	202	290713	11.510	ng		99
77) Benzidine	12.751	184	128424	10.092	ng		98
78) Pyrene	12.857	202	304789	9.975	ng		99
80) Butylbenzylphthalate	13.480	149	92241	9.296	ng		97
81) Benzo(a)anthracene	14.051	228	246871	10.293	ng		100
82) 3,3'-Dichlorobenzidine	14.010	252	66722	9.129	ng	#	99
83) Chrysene	14.086	228	217741	9.809	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	113431	9.483	ng		97
85) Di-n-octyl phthalate	14.657	149	153434	7.810	ng		97
87) Indeno(1,2,3-cd)pyrene	17.027	276	164200	9.011	ng		96
88) Benzo(b)fluoranthene	15.104	252	169146	9.901	ng		99
89) Benzo(k)fluoranthene	15.133	252	174390	11.032	ng		98
90) Benzo(a)pyrene	15.474	252	149543	10.096	ng		100
91) Dibenzo(a,h)anthracene	17.045	278	135992	9.279	ng		97
92) Benzo(g,h,i)perylene	17.474	276	132076	9.012	ng		98

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

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