Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143592.D
Acq On : 26 Aug 2025 12:32
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 26 16:16:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 14:38:26 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	118333	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	451335	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	244563	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	369283	20.000	ng	0.00
76) Chrysene-d12	14.057	240	207669	20.000	ng	0.00
86) Perylene-d12	15.533	264	261116	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1039882	149.566	ng	0.00
7) Phenol-d6	6.516	99	1274273	147.976	ng	0.00
23) Nitrobenzene-d5	7.463	82	1107689	175.236	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	317703	166.117	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1958863	136.946	ng	0.00
79) Terphenyl-d14	13.004	244	1647677	142.377	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	265352	78.013	ng	98
3) Pyridine	3.440	79	703637	82.382	ng	99
4) n-Nitrosodimethylamine	3.405	42	322774	79.417	ng	99
6) Aniline	6.563	93	909292	75.637	ng	100
8) 2-Chlorophenol	6.681	128	565436	76.869	ng	97
10) Phenol	6.534	94	727271m	75.299	ng	
11) bis(2-Chloroethyl)ether	6.634	93	548310	74.087	ng	99
12) 1,3-Dichlorobenzene	6.840	146	614602	72.739	ng	98
13) 1,4-Dichlorobenzene	6.916	146	613284	71.983	ng	99
14) 1,2-Dichlorobenzene	7.063	146	599205	74.146	ng	98
15) Benzyl Alcohol	7.034	79	500093	77.489	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	970380	71.033	ng	98
17) 2-Methylphenol	7.140	107	473196	75.778	ng	99
18) Hexachloroethane	7.410	117	206550	76.298	ng	97
19) n-Nitroso-di-n-propyla...	7.316	70	408301	74.845	ng	98
20) 3+4-Methylphenols	7.298	107	565511	73.735	ng	96
22) Acetophenone	7.310	105	720367	70.872	ng	99
24) Nitrobenzene	7.481	77	596889	88.076	ng	99
25) Isophorone	7.722	82	1125213	76.066	ng	100
26) 2-Nitrophenol	7.792	139	256434	77.706	ng	99
27) 2,4-Dimethylphenol	7.822	122	494480	76.828	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	655211	73.209	ng	100
29) 2,4-Dichlorophenol	8.028	162	484857	78.188	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	474389	73.269	ng	99
31) Naphthalene	8.198	128	1552362	71.189	ng	100
32) Benzoic acid	7.945	122	303371	77.933	ng	97
33) 4-Chloroaniline	8.245	127	569536	73.930	ng	99
34) Hexachlorobutadiene	8.316	225	298282	73.111	ng	99
35) Caprolactam	8.634	113	141333	80.224	ng	99
36) 4-Chloro-3-methylphenol	8.722	107	502609	77.525	ng	99
37) 2-Methylnaphthalene	8.892	142	1019745	70.812	ng	100
38) 1-Methylnaphthalene	8.992	142	989412	71.190	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	459753	72.274	ng	100
41) Hexachlorocyclopentadiene	9.045	237	264562	84.541	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	340126	80.915	ng	99
44) 2,4,5-Trichlorophenol	9.198	196	349731	82.338	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	9.357	154	1198951	70.653	ng		99
47)	2-Chloronaphthalene	9.381	162	981816	73.243	ng		100
48)	2-Nitroaniline	9.469	65	311379	80.435	ng		98
49)	Acenaphthylene	9.792	152	1419464	72.778	ng		99
50)	Dimethylphthalate	9.651	163	1122261	74.604	ng		100
51)	2,6-Dinitrotoluene	9.716	165	214146	81.094	ng		95
52)	Acenaphthene	9.969	154	931901	72.943	ng		99
53)	3-Nitroaniline	9.881	138	245946	79.514	ng	#	97
54)	2,4-Dinitrophenol	9.981	184	79141	78.176	ng		89
55)	Dibenzofuran	10.139	168	1349245	72.033	ng		99
56)	4-Nitrophenol	10.028	139	204329	78.994	ng		99
57)	2,4-Dinitrotoluene	10.116	165	282664	81.433	ng		98
58)	Fluorene	10.481	166	980602	69.728	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.251	232	269270	85.747	ng		99
60)	Diethylphthalate	10.357	149	1045037	74.130	ng		100
61)	4-Chlorophenyl-phenyle...	10.475	204	478559	69.580	ng		98
62)	4-Nitroaniline	10.498	138	231921	80.486	ng		99
63)	Azobenzene	10.633	77	1034753	72.394	ng		99
65)	4,6-Dinitro-2-methylph...	10.528	198	118332	77.966	ng		92
66)	n-Nitrosodiphenylamine	10.592	169	875528	74.537	ng		99
67)	4-Bromophenyl-phenylether	10.963	248	304258	76.172	ng		98
68)	Hexachlorobenzene	11.028	284	320040	74.906	ng		98
69)	Atrazine	11.116	200	260979	77.295	ng		99
70)	Pentachlorophenol	11.216	266	208704	85.497	ng		99
71)	Phenanthrene	11.445	178	1410689	71.348	ng		100
72)	Anthracene	11.498	178	1431840	71.860	ng		100
73)	Carbazole	11.645	167	1225872	71.173	ng		100
74)	Di-n-butylphthalate	11.980	149	1318949	75.182	ng		100
75)	Fluoranthene	12.627	202	1244385	68.929	ng		100
77)	Benzidine	12.745	184	327388	66.557	ng		100
78)	Pyrene	12.857	202	1251841	72.028	ng		100
80)	Butylbenzylphthalate	13.474	149	407071	80.269	ng		100
81)	Benzo(a)anthracene	14.045	228	984835	75.379	ng		99
82)	3,3'-Dichlorobenzidine	14.004	252	304862	87.032	ng		98
83)	Chrysene	14.080	228	937556	77.000	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.033	149	525278	80.299	ng		99
85)	Di-n-octyl phthalate	14.651	149	1016224	79.961	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.039	276	1419838	79.922	ng		99
88)	Benzo(b)fluoranthene	15.098	252	1116909	74.863	ng		99
89)	Benzo(k)fluoranthene	15.133	252	988639	70.872	ng		100
90)	Benzo(a)pyrene	15.474	252	1025759	77.816	ng		99
91)	Dibenzo(a,h)anthracene	17.062	278	1136990	78.197	ng		99
92)	Benzo(g,h,i)perylene	17.498	276	1154891	80.229	ng		99

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

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