Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143589.D
Acq On : 26 Aug 2025 11:06
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 26 16:13:34 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 :
SSTDICCC040

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	6.892	152	157333	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	591271	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	318528	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	479444	20.000	ng	0.00
76) Chrysene-d12	14.051	240	273832	20.000	ng	0.00
86) Perylene-d12	15.527	264	334519	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	724943	78.422	ng	0.00
7) Phenol-d6	6.510	99	894793	78.152	ng	0.00
23) Nitrobenzene-d5	7.457	82	692865	83.669	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	205843	82.636	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1426761	76.584	ng	0.00
79) Terphenyl-d14	12.998	244	1143550	74.939	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	179595	39.712	ng	100
3) Pyridine	3.440	79	473218	41.671	ng	100
4) n-Nitrosodimethylamine	3.393	42	218791	40.488	ng	100
6) Aniline	6.557	93	623194	38.989	ng	100
8) 2-Chlorophenol	6.675	128	389729	39.849	ng	100
9) Benzaldehyde	6.445	77	380288	44.142	ng	100
10) Phenol	6.528	94	498340m	38.807	ng	
11) bis(2-Chloroethyl)ether	6.628	93	381086	38.728	ng	100
12) 1,3-Dichlorobenzene	6.834	146	433636	38.600	ng	100
13) 1,4-Dichlorobenzene	6.910	146	440618	38.897	ng	100
14) 1,2-Dichlorobenzene	7.063	146	412999	38.437	ng	100
15) Benzyl Alcohol	7.028	79	342223	39.883	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	699533	38.514	ng	100
17) 2-Methylphenol	7.133	107	324534	39.088	ng	100
18) Hexachloroethane	7.410	117	144818	40.234	ng	100
19) n-Nitroso-di-n-propyla...	7.310	70	275538	37.988	ng	100
20) 3+4-Methylphenols	7.292	107	405303	39.746	ng	100
22) Acetophenone	7.304	105	516387	38.780	ng	100
24) Nitrobenzene	7.475	77	389907	43.918	ng	100
25) Isophorone	7.716	82	762668	39.355	ng	100
26) 2-Nitrophenol	7.792	139	135383	39.642	ng	100
27) 2,4-Dimethylphenol	7.822	122	337446	40.021	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	455240	38.827	ng	100
29) 2,4-Dichlorophenol	8.028	162	335894	41.347	ng	100
30) 1,2,4-Trichlorobenzene	8.116	180	336080	39.622	ng	100
31) Naphthalene	8.198	128	1109088	38.824	ng	100
32) Benzoic acid	7.922	122	148491	37.681	ng	100
33) 4-Chloroaniline	8.239	127	399603	39.595	ng	100
34) Hexachlorobutadiene	8.316	225	209059	39.114	ng	100
35) Caprolactam	8.616	113	92543	40.097	ng	100
36) 4-Chloro-3-methylphenol	8.716	107	340489	40.089	ng	100
37) 2-Methylnaphthalene	8.886	142	727785	38.577	ng	100
38) 1-Methylnaphthalene	8.986	142	708381	38.906	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	324978	39.224	ng	100
41) Hexachlorocyclopentadiene	9.039	237	167983	41.214	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	238330	43.532	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	224880	40.650	ng	100
46) 1,1'-Biphenyl	9.351	154	865373	39.154	ng	100
47) 2-Chloronaphthalene	9.375	162	691742	39.621	ng	100
48) 2-Nitroaniline	9.469	65	183005	38.659	ng	100
49) Acenaphthylene	9.792	152	992186	39.058	ng	100
50) Dimethylphthalate	9.645	163	764116	39.001	ng	100
51) 2,6-Dinitrotoluene	9.710	165	120098	37.641	ng	100
52) Acenaphthene	9.963	154	646203	38.835	ng	100
53) 3-Nitroaniline	9.880	138	148625	39.079	ng	100
54) 2,4-Dinitrophenol	9.980	184	31823	37.216	ng	100
55) Dibenzofuran	10.133	168	936624	38.393	ng	100
56) 4-Nitrophenol	10.022	139	120396	38.632	ng	100
57) 2,4-Dinitrotoluene	10.110	165	156612	37.431	ng	100
58) Fluorene	10.480	166	693445	37.859	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	172339	42.137	ng	100
60) Diethylphthalate	10.351	149	707196	38.516	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	339673	37.919	ng	100
62) 4-Nitroaniline	10.492	138	135114	37.853	ng	100
63) Azobenzene	10.633	77	718876	38.616	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	55347	38.129	ng	100
66) n-Nitrosodiphenylamine	10.586	169	606144	39.747	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	209918	40.478	ng	100
68) Hexachlorobenzene	11.027	284	219878	39.638	ng	100
69) Atrazine	11.116	200	173611	39.604	ng	100
70) Pentachlorophenol	11.216	266	133606	42.157	ng	100
71) Phenanthrene	11.439	178	997324	38.852	ng	100
72) Anthracene	11.492	178	998143	38.584	ng	100
73) Carbazole	11.645	167	855082	38.239	ng	100
74) Di-n-butylphthalate	11.974	149	885338	38.870	ng	100
75) Fluoranthene	12.627	202	859839	36.685	ng	100
77) Benzidine	12.745	184	294704	45.437	ng	100
78) Pyrene	12.857	202	881203	38.452	ng	100
80) Butylbenzylphthalate	13.474	149	249520	39.277	ng	100
81) Benzo(a)anthracene	14.039	228	688271	39.952	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	204431	44.260	ng	100
83) Chrysene	14.080	228	616340	38.389	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	345979	41.731	ng	100
85) Di-n-octyl phthalate	14.651	149	638918	41.800	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	956205	42.014	ng	100
88) Benzo(b)fluoranthene	15.098	252	699249	36.584	ng	100
89) Benzo(k)fluoranthene	15.127	252	709824	39.719	ng	100
90) Benzo(a)pyrene	15.468	252	690197	40.870	ng	100
91) Dibenzo(a,h)anthracene	17.051	278	772126	41.451	ng	100
92) Benzo(g,h,i)perylene	17.486	276	768069	41.649	ng	100

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

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