Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
Data File : BF143611.D
Acq On : 28 Aug 2025 15:46
Operator : RC/JU
Sample : Q2954-06MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 28 16:14:14 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 16:30:52 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BRIDGE-SOUTHMS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/29/2025
Supervised By :Jagrut Upadhyay 08/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	106375	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	410637	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	236683	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	386634	20.000	ng	0.00
76) Chrysene-d12	14.051	240	207846	20.000	ng	0.00
86) Perylene-d12	15.521	264	212562	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	714658	114.344	ng	0.01
7) Phenol-d6	6.510	99	927651	119.834	ng	0.00
23) Nitrobenzene-d5	7.451	82	537443	93.450	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	272063	146.989	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1055665	76.260	ng	0.00
79) Terphenyl-d14	12.998	244	964762	83.295	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.752	88	127320	41.640	ng	96
3) Pyridine	3.510	79	345935	45.055	ng	94
4) n-Nitrosodimethylamine	3.463	42	172575	47.234	ng	95
6) Aniline	6.551	93	331268	30.653	ng	100
8) 2-Chlorophenol	6.675	128	336947	50.956	ng	97
9) Benzaldehyde	6.440	77	167359	28.732	ng	99
10) Phenol	6.528	94	436690	50.298	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	322044	48.406	ng	96
12) 1,3-Dichlorobenzene	6.834	146	372938	49.100	ng	99
13) 1,4-Dichlorobenzene	6.910	146	374483	48.895	ng	99
14) 1,2-Dichlorobenzene	7.063	146	362125	49.847	ng	98
15) Benzyl Alcohol	7.028	79	313317	54.005	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	546221	44.479	ng	97
17) 2-Methylphenol	7.134	107	284248	50.637	ng	99
18) Hexachloroethane	7.404	117	124540	51.175	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	248360	50.644	ng	96
20) 3+4-Methylphenols	7.287	107	354838	51.467	ng	96
22) Acetophenone	7.298	105	466252	50.417	ng	98
24) Nitrobenzene	7.475	77	355512	57.658	ng	97
25) Isophorone	7.710	82	686000	50.970	ng	100
26) 2-Nitrophenol	7.787	139	166437	60.806	ng	98
27) 2,4-Dimethylphenol	7.822	122	318738	54.431	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	409563	50.298	ng	99
29) 2,4-Dichlorophenol	8.022	162	303565	53.805	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	312601	53.066	ng	99
31) Naphthalene	8.198	128	971808	48.983	ng	100
32) Benzoic acid	7.940	122	210724	63.813	ng	98
33) 4-Chloroaniline	8.234	127	85122	12.145	ng	99
34) Hexachlorobutadiene	8.310	225	188561	50.798	ng	99
35) Caprolactam	8.610	113	95752m	59.738	ng	
36) 4-Chloro-3-methylphenol	8.716	107	324479	55.009	ng	98
37) 2-Methylnaphthalene	8.887	142	607283	46.350	ng	100
38) 1-Methylnaphthalene	8.987	142	622507	49.229	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	304969	49.538	ng	98
41) Hexachlorocyclopentadiene	9.039	237	407209	134.456	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	222259	54.635	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	231498	56.316	ng		99
46) 1,1'-Biphenyl	9.351	154	824057	50.178	ng		99
47) 2-Chloronaphthalene	9.375	162	637945	49.175	ng		99
48) 2-Nitroaniline	9.469	65	208077	56.872	ng		97
49) Acenaphthylene	9.792	152	1044333	55.327	ng		100
50) Dimethylphthalate	9.651	163	787449	54.090	ng		99
51) 2,6-Dinitrotoluene	9.710	165	166519	66.097	ng		90
52) Acenaphthene	9.963	154	668637	54.079	ng		99
53) 3-Nitroaniline	9.875	138	89114	32.322	ng	#	98
54) 2,4-Dinitrophenol	9.981	184	129912	107.723	ng	#	12
55) Dibenzofuran	10.134	168	903561	49.845	ng		99
56) 4-Nitrophenol	10.034	139	275561	107.999	ng		97
57) 2,4-Dinitrotoluene	10.116	165	217921	65.859	ng		96
58) Fluorene	10.481	166	693695	50.969	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	195279	64.256	ng		98
60) Diethylphthalate	10.351	149	751771	55.103	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	338269	50.820	ng		100
62) 4-Nitroaniline	10.492	138	164724	59.961	ng		98
63) Azobenzene	10.628	77	779886	56.379	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	94525	64.532	ng		86
66) n-Nitrosodiphenylamine	10.586	169	632283	51.413	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	222617	53.232	ng		98
68) Hexachlorobenzene	11.022	284	233593	52.219	ng		98
69) Atrazine	11.116	200	197762	55.943	ng		99
70) Pentachlorophenol	11.216	266	277653	108.638	ng		99
71) Phenanthrene	11.439	178	1023784	49.456	ng		100
72) Anthracene	11.492	178	1053058	50.478	ng		100
73) Carbazole	11.645	167	895960	49.684	ng		100
74) Di-n-butylphthalate	11.975	149	1127588	61.390	ng		100
75) Fluoranthene	12.627	202	944433	49.967	ng		98
77) Benzidine	12.745	184	207623	43.389	ng		100
78) Pyrene	12.857	202	923288	53.079	ng		99
80) Butylbenzylphthalate	13.474	149	359789	71.314	ng		96
81) Benzo(a)anthracene	14.039	228	659137	50.407	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	74565	21.269	ng		100
83) Chrysene	14.074	228	625016	51.288	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	449286	69.095	ng	#	99
85) Di-n-octyl phthalate	14.645	149	657146	54.288	ng		95
87) Indeno(1,2,3-cd)pyrene	17.021	276	705468	48.781	ng		98
88) Benzo(b)fluoranthene	15.092	252	660338	54.371	ng		99
89) Benzo(k)fluoranthene	15.121	252	534317	47.053	ng		99
90) Benzo(a)pyrene	15.463	252	585763	54.588	ng		99
91) Dibenzo(a,h)anthracene	17.039	278	584200	49.357	ng		98
92) Benzo(g,h,i)perylene	17.474	276	550656	46.992	ng		98

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

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