Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
Data File : BF143898.D
Acq On : 08 Oct 2025 16:38
Operator : RC/JU
Sample : Q3303-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 08 16:59:32 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 :
HL-WESTMSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/09/2025
Supervised By :Jagrut Upadhyay 10/09/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	101899	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	405646	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	222659	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	390191	20.000	ng		0.00
76) Chrysene-d12	14.063	240	225428	20.000	ng		0.00
86) Perylene-d12	15.539	264	282211	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	576349	89.818	ng		0.00
7) Phenol-d6	6.504	99	705119	92.189	ng		-0.01
23) Nitrobenzene-d5	7.439	82	404746	60.620	ng		-0.02
42) 2,4,6-Tribromophenol	10.716	330	200631	90.467	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	747464	53.267	ng		-0.01
79) Terphenyl-d14	13.004	244	811412	61.517	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	143885	48.456	ng		99
3) Pyridine	3.446	79	406130	46.982	ng		99
4) n-Nitrosodimethylamine	3.393	42	244999	53.877	ng		98
6) Aniline	6.545	93	428086	37.350	ng		99
8) 2-Chlorophenol	6.663	128	323548	51.582	ng		100
9) Benzaldehyde	6.434	77	200247	33.939	ng		99
10) Phenol	6.516	94	487214	53.282	ng		99
11) bis(2-Chloroethyl)ether	6.616	93	359040	50.829	ng		98
12) 1,3-Dichlorobenzene	6.822	146	384249	51.177	ng		100
13) 1,4-Dichlorobenzene	6.898	146	382220	51.607	ng		99
14) 1,2-Dichlorobenzene	7.051	146	371684	52.394	ng		99
15) Benzyl Alcohol	7.022	79	316934	55.304	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	836770	52.043	ng		100
17) 2-Methylphenol	7.128	107	266850	51.478	ng		99
18) Hexachloroethane	7.398	117	128527	52.036	ng		98
19) n-Nitroso-di-n-propyla...	7.292	70	258333	49.343	ng		100
20) 3+4-Methylphenols	7.281	107	307034	51.104	ng	#	89
22) Acetophenone	7.292	105	454687	53.012	ng		99
24) Nitrobenzene	7.463	77	382447	51.580	ng		98
25) Isophorone	7.704	82	688706	48.920	ng		99
26) 2-Nitrophenol	7.781	139	180157	56.673	ng		99
27) 2,4-Dimethylphenol	7.810	122	317297	55.487	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	436544	49.088	ng		99
29) 2,4-Dichlorophenol	8.016	162	293472	49.269	ng		96
30) 1,2,4-Trichlorobenzene	8.104	180	303168	51.752	ng		99
31) Naphthalene	8.186	128	893868	48.441	ng		100
32) Benzoic acid	7.928	122	236771	59.827	ng		97
33) 4-Chloroaniline	8.233	127	165261	23.880	ng		98
34) Hexachlorobutadiene	8.304	225	194000	47.657	ng		99
35) Caprolactam	8.598	113	104654m	55.258	ng		
36) 4-Chloro-3-methylphenol	8.710	107	289376	50.576	ng		98
37) 2-Methylnaphthalene	8.880	142	548541	44.627	ng		99
38) 1-Methylnaphthalene	8.980	142	557711	46.778	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	318090	51.688	ng		98
41) Hexachlorocyclopentadiene	9.033	237	314509	123.190	ng		100
43) 2,4,6-Trichlorophenol	9.151	196	230737	51.315	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.192	196	231042	48.623	ng	97
46)	1,1'-Biphenyl	9.345	154	780691	52.957	ng	99
47)	2-Chloronaphthalene	9.369	162	597495	48.611	ng	98
48)	2-Nitroaniline	9.463	65	215962	55.575	ng	98
49)	Acenaphthylene	9.786	152	975384	56.447	ng	99
50)	Dimethylphthalate	9.645	163	704761	49.842	ng	100
51)	2,6-Dinitrotoluene	9.704	165	149899	57.171	ng	98
52)	Acenaphthene	9.957	154	591688	52.257	ng	100
53)	3-Nitroaniline	9.875	138	115961	36.120	ng	99
54)	2,4-Dinitrophenol	9.980	184	145243	88.955	ng	96
55)	Dibenzofuran	10.133	168	793650	49.655	ng	98
56)	4-Nitrophenol	10.033	139	255096	104.941	ng	95
57)	2,4-Dinitrotoluene	10.110	165	215092	60.292	ng	97
58)	Fluorene	10.475	166	584296	48.447	ng	97
59)	2,3,4,6-Tetrachlorophenol	10.245	232	180088	53.540	ng	98
60)	Diethylphthalate	10.345	149	667532	50.817	ng	99
61)	4-Chlorophenyl-phenyle...	10.463	204	307569	48.236	ng	97
62)	4-Nitroaniline	10.492	138	165010	53.449	ng	96
63)	Azobenzene	10.627	77	781216	56.903	ng	98
65)	4,6-Dinitro-2-methylph...	10.516	198	107520	54.835	ng	95
66)	n-Nitrosodiphenylamine	10.586	169	614771	50.179	ng	99
67)	4-Bromophenyl-phenylether	10.957	248	211821	49.121	ng	99
68)	Hexachlorobenzene	11.022	284	241925	48.460	ng	99
69)	Atrazine	11.110	200	195470	52.639	ng	98
70)	Pentachlorophenol	11.216	266	279238	97.390	ng	98
71)	Phenanthrene	11.439	178	926678	48.988	ng	100
72)	Anthracene	11.492	178	940243	49.201	ng	99
73)	Carbazole	11.645	167	845327	49.945	ng	99
74)	Di-n-butylphthalate	11.974	149	1046393	53.344	ng	99
75)	Fluoranthene	12.633	202	967001	49.490	ng	99
77)	Benzidine	12.751	184	414361	52.937	ng	99
78)	Pyrene	12.863	202	967608	51.486	ng	100
80)	Butylbenzylphthalate	13.480	149	355800	58.294	ng	100
81)	Benzo(a)anthracene	14.051	228	752655	51.020	ng	99
82)	3,3'-Dichlorobenzidine	14.015	252	139723	31.079	ng	98
83)	Chrysene	14.086	228	719133	52.670	ng	99
84)	Bis(2-ethylhexyl)phtha...	14.039	149	423943	57.620	ng	100
85)	Di-n-octyl phthalate	14.657	149	706651	58.477	ng	100
87)	Indeno(1,2,3-cd)pyrene	17.039	276	858204	49.629	ng	98
88)	Benzo(b)fluoranthene	15.110	252	773858	47.736	ng	99
89)	Benzo(k)fluoranthene	15.139	252	745122	49.673	ng	98
90)	Benzo(a)pyrene	15.480	252	732413	52.105	ng	98
91)	Dibenzo(a,h)anthracene	17.062	278	698127	50.198	ng	100
92)	Benzo(g,h,i)perylene	17.492	276	684818	49.240	ng	99

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

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