Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
Data File : BF143579.D
Acq On : 22 Aug 2025 18:22
Operator : RC/JU
Sample : Q2915-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRIDGE-WESTMSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/25/2025
Supervised By :Jagrut Upadhyay 08/25/2025

Quant Time: Aug 25 02:38:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	98365	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	400039	20.000	ng		0.00
39) Acenaphthene-d10	9.969	164	229784	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	366253	20.000	ng		0.00
76) Chrysene-d12	14.098	240	208460	20.000	ng		0.00
86) Perylene-d12	15.592	264	198742	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.569	112	552391	98.060	ng		0.00
7) Phenol-d6	6.563	99	713268	102.571	ng		-0.01
23) Nitrobenzene-d5	7.487	82	498361	72.697	ng		-0.01
42) 2,4,6-Tribromophenol	10.757	330	220708	103.185	ng		0.00
45) 2-Fluorobiphenyl	9.281	172	942698	67.802	ng		0.00
79) Terphenyl-d14	13.033	244	831102	69.572	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.810	88	94344	36.153	ng		94
3) Pyridine	3.575	79	257473	37.044	ng		92
4) n-Nitrosodimethylamine	3.528	42	164620	52.686	ng		84
6) Aniline	6.587	93	311602	33.524	ng	#	52
8) 2-Chlorophenol	6.716	128	286644	46.070	ng		97
9) Benzaldehyde	6.475	77	154118	27.374	ng		94
10) Phenol	6.581	94	363466	45.371	ng		92
11) bis(2-Chloroethyl)ether	6.657	93	268338	44.824	ng		99
12) 1,3-Dichlorobenzene	6.869	146	314126	44.934	ng		98
13) 1,4-Dichlorobenzene	6.945	146	319850	45.610	ng		99
14) 1,2-Dichlorobenzene	7.098	146	307187	46.267	ng		99
15) Benzyl Alcohol	7.069	79	281646	54.097	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.198	45	449047	46.886	ng		95
17) 2-Methylphenol	7.187	107	239304	47.921	ng		95
18) Hexachloroethane	7.440	117	110997	46.554	ng		97
19) n-Nitroso-di-n-propyla...	7.340	70	220206	51.809	ng		97
20) 3+4-Methylphenols	7.334	107	298864	50.134	ng		94
22) Acetophenone	7.334	105	406341	47.016	ng		96
24) Nitrobenzene	7.504	77	333630	47.286	ng		96
25) Isophorone	7.745	82	612646	48.753	ng		99
26) 2-Nitrophenol	7.822	139	163042	47.174	ng		90
27) 2,4-Dimethylphenol	7.863	122	261019	48.448	ng		94
28) bis(2-Chloroethoxy)met...	7.951	93	351389	45.500	ng		99
29) 2,4-Dichlorophenol	8.069	162	261918	45.519	ng		98
30) 1,2,4-Trichlorobenzene	8.151	180	273417	46.217	ng		98
31) Naphthalene	8.228	128	841304	43.804	ng		100
32) Benzoic acid	7.998	122	136363	44.966	ng		95
33) 4-Chloroaniline	8.275	127	108742	15.952	ng		97
34) Hexachlorobutadiene	8.345	225	177538	45.998	ng		99
35) Caprolactam	8.657	113	81396m	58.951	ng		
36) 4-Chloro-3-methylphenol	8.769	107	293228	50.851	ng		95
37) 2-Methylnaphthalene	8.922	142	530661	41.370	ng		100
38) 1-Methylnaphthalene	9.022	142	548941	44.739	ng		100
40) 1,2,4,5-Tetrachloroben...	9.092	216	280020	42.604	ng		98
41) Hexachlorocyclopentadiene	9.081	237	246914	95.340	ng		99
43) 2,4,6-Trichlorophenol	9.204	196	188421	46.589	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	193636	43.831	ng		96
46) 1,1'-Biphenyl	9.387	154	729342	44.719	ng		98
47) 2-Chloronaphthalene	9.410	162	557060	43.531	ng		97
48) 2-Nitroaniline	9.504	65	192465	51.390	ng		93
49) Acenaphthylene	9.828	152	926701	50.575	ng		100
50) Dimethylphthalate	9.686	163	714787	51.649	ng		100
51) 2,6-Dinitrotoluene	9.745	165	150227	52.376	ng		88
52) Acenaphthene	9.998	154	603241	48.489	ng		98
53) 3-Nitroaniline	9.916	138	90182	29.097	ng		93
54) 2,4-Dinitrophenol	10.028	184	122086	79.619	ng	#	87
55) Dibenzofuran	10.175	168	804977	45.384	ng		96
56) 4-Nitrophenol	10.092	139	177782	96.405	ng		84
57) 2,4-Dinitrotoluene	10.157	165	202940	52.989	ng	#	89
58) Fluorene	10.516	166	643251	47.120	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	172675	52.611	ng		96
60) Diethylphthalate	10.386	149	699900	56.408	ng		100
61) 4-Chlorophenyl-phenyle...	10.504	204	316688	46.386	ng		96
62) 4-Nitroaniline	10.539	138	145334	51.052	ng		90
63) Azobenzene	10.663	77	716785	55.714	ng		97
65) 4,6-Dinitro-2-methylph...	10.569	198	98247	47.575	ng		95
66) n-Nitrosodiphenylamine	10.622	169	553044	46.921	ng		99
67) 4-Bromophenyl-phenylether	10.992	248	198085	45.329	ng	#	92
68) Hexachlorobenzene	11.069	284	211737	44.950	ng		97
69) Atrazine	11.151	200	177824	58.445	ng		97
70) Pentachlorophenol	11.263	266	196906	91.273	ng		99
71) Phenanthrene	11.480	178	879241	44.829	ng		100
72) Anthracene	11.533	178	901658	45.379	ng		100
73) Carbazole	11.686	167	726553	44.627	ng		99
74) Di-n-butylphthalate	12.010	149	984344	64.810	ng		99
75) Fluoranthene	12.669	202	784080	44.552	ng		98
77) Benzidine	12.786	184	263354	51.864	ng		99
78) Pyrene	12.898	202	762473	44.466	ng		99
80) Butylbenzylphthalate	13.504	149	319109	68.122	ng		95
81) Benzo(a)anthracene	14.086	228	621166	46.284	ng		100
82) 3,3'-Dichlorobenzidine	14.045	252	116559	30.327	ng		99
83) Chrysene	14.121	228	571525	47.387	ng		100
84) Bis(2-ethylhexyl)phtha...	14.063	149	442139	61.971	ng		98
85) Di-n-octyl phthalate	14.680	149	665557	50.356	ng		99
87) Indeno(1,2,3-cd)pyrene	17.127	276	525418	36.790	ng		99
88) Benzo(b)fluoranthene	15.157	252	573567	51.919	ng		99
89) Benzo(k)fluoranthene	15.186	252	517420	48.918	ng		99
90) Benzo(a)pyrene	15.533	252	520783	50.787	ng		99
91) Dibenzo(a,h)anthracene	17.139	278	428430	37.457	ng		99
92) Benzo(g,h,i)perylene	17.586	276	395515	34.776	ng		99

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

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