Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
Data File : BF142117.D
Acq On : 27 Mar 2025 10:33
Operator : RC/JU
Sample : PB167321BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 27 11:47:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB167321BS

Manual Integrations APPROVED

Reviewed By :Anahy Claudio

03/28/2025
Supervised By :Jagrut Upadhyay

04/01/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	128221	20.000	ng		-0.01
21) Naphthalene-d8	8.151	136	507131	20.000	ng		-0.01
39) Acenaphthene-d10	9.910	164	310958	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	550860	20.000	ng		0.00
76) Chrysene-d12	14.039	240	326385	20.000	ng		0.00
86) Perylene-d12	15.510	264	360617	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1091445	142.065	ng		0.00
7) Phenol-d6	6.504	99	1323739	135.327	ng		0.00
23) Nitrobenzene-d5	7.434	82	881553	97.825	ng		-0.01
42) 2,4,6-Tribromophenol	10.704	330	656357	166.381	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1980275	96.850	ng		-0.01
79) Terphenyl-d14	12.980	244	2337171	105.869	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.704	88	137880	42.832	ng		97
3) Pyridine	3.463	79	373242	47.269	ng		97
4) n-Nitrosodimethylamine	3.416	42	171807	45.645	ng		95
6) Aniline	6.534	93	367516	38.086	ng		96
8) 2-Chlorophenol	6.657	128	455191	53.422	ng		97
9) Benzaldehyde	6.422	77	282787	51.691	ng		99
10) Phenol	6.516	94	509173	49.479	ng		98
11) bis(2-Chloroethyl)ether	6.610	93	380073	49.187	ng		97
12) 1,3-Dichlorobenzene	6.810	146	475831	51.726	ng		100
13) 1,4-Dichlorobenzene	6.887	146	483289	51.925	ng		99
14) 1,2-Dichlorobenzene	7.040	146	464896	53.030	ng		99
15) Benzyl Alcohol	7.010	79	383431	48.486	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	427224	45.796	ng		97
17) 2-Methylphenol	7.122	107	354011	52.254	ng		99
18) Hexachloroethane	7.381	117	178715	51.205	ng		97
19) n-Nitroso-di-n-propyla...	7.287	70	292864	46.595	ng		98
20) 3+4-Methylphenols	7.275	107	438991	50.588	ng	#	87
22) Acetophenone	7.281	105	592291	48.770	ng		97
24) Nitrobenzene	7.457	77	451130	50.358	ng		97
25) Isophorone	7.692	82	827949	51.976	ng		99
26) 2-Nitrophenol	7.769	139	243058	55.280	ng		98
27) 2,4-Dimethylphenol	7.804	122	415601	68.646	ng		100
28) bis(2-Chloroethoxy)met...	7.898	93	492540	49.298	ng		99
29) 2,4-Dichlorophenol	8.010	162	390617	51.980	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	434913	52.516	ng		99
31) Naphthalene	8.175	128	1299645	49.889	ng		100
32) Benzoic acid	7.928	122	278315	52.296	ng		97
33) 4-Chloroaniline	8.222	127	123638	13.444	ng		98
34) Hexachlorobutadiene	8.292	225	290731	53.831	ng		99
35) Caprolactam	8.598	113	124473m	54.329	ng		
36) 4-Chloro-3-methylphenol	8.704	107	437420	52.181	ng		98
37) 2-Methylnaphthalene	8.869	142	846210	48.598	ng		99
38) 1-Methylnaphthalene	8.969	142	875749	52.119	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	488435	51.591	ng		98
41) Hexachlorocyclopentadiene	9.022	237	682887	184.307	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	315109	50.928	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	347194	55.404	ng		98
46) 1,1'-Biphenyl	9.333	154	1195005	50.578	ng		99
47) 2-Chloronaphthalene	9.357	162	903017	51.278	ng		98
48) 2-Nitroaniline	9.451	65	256605	50.325	ng		97
49) Acenaphthylene	9.775	152	1433699	54.861	ng		100
50) Dimethylphthalate	9.633	163	1125321	51.678	ng		100
51) 2,6-Dinitrotoluene	9.698	165	250743	55.304	ng		89
52) Acenaphthene	9.945	154	1046007	56.956	ng		100
53) 3-Nitroaniline	9.863	138	99342	21.601	ng		97
54) 2,4-Dinitrophenol	9.975	184	289587	109.752	ng	#	44
55) Dibenzofuran	10.116	168	1272272	48.483	ng		99
56) 4-Nitrophenol	10.028	139	385796	111.236	ng		95
57) 2,4-Dinitrotoluene	10.098	165	337634	57.016	ng		99
58) Fluorene	10.463	166	1024700	50.636	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	308000	54.013	ng		97
60) Diethylphthalate	10.333	149	1058669	48.757	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	534893	50.698	ng		97
62) 4-Nitroaniline	10.480	138	236418	52.802	ng		99
63) Azobenzene	10.610	77	975032	48.300	ng		98
65) 4,6-Dinitro-2-methylph...	10.510	198	202618	61.700	ng		95
66) n-Nitrosodiphenylamine	10.569	169	926750	51.988	ng		100
67) 4-Bromophenyl-phenylether	10.939	248	364685	52.714	ng		97
68) Hexachlorobenzene	11.010	284	424471	55.942	ng		93
69) Atrazine	11.098	200	357448	65.410	ng		99
70) Pentachlorophenol	11.204	266	484020	103.534	ng		99
71) Phenanthrene	11.422	178	1571298	52.810	ng		99
72) Anthracene	11.475	178	1554485	52.075	ng		99
73) Carbazole	11.627	167	1353296	52.568	ng		100
74) Di-n-butylphthalate	11.957	149	1738986	50.909	ng		99
75) Fluoranthene	12.610	202	1517781	48.089	ng		100
77) Benzidine	12.733	184	451729	99.201	ng		99
78) Pyrene	12.839	202	1487561	52.689	ng		100
80) Butylbenzylphthalate	13.457	149	572968	51.851	ng		98
81) Benzo(a)anthracene	14.027	228	1136487	53.063	ng		100
82) 3,3'-Dichlorobenzidine	13.986	252	97598	15.769	ng		100
83) Chrysene	14.063	228	1057348	54.462	ng		100
84) Bis(2-ethylhexyl)phtha...	14.016	149	754478	49.519	ng		99
85) Di-n-octyl phthalate	14.627	149	1149381	54.218	ng		98
87) Indeno(1,2,3-cd)pyrene	17.009	276	1258432	53.946	ng		98
88) Benzo(b)fluoranthene	15.080	252	1241107	50.216	ng		100
89) Benzo(k)fluoranthene	15.110	252	985943	46.616	ng		99
90) Benzo(a)pyrene	15.451	252	1064781	55.060	ng		99
91) Dibenzo(a,h)anthracene	17.027	278	1024547	53.231	ng		98
92) Benzo(g,h,i)perylene	17.456	276	977784	51.408	ng		99

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

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