Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012025\
Data File : BF141218.D
Acq On : 20 Jan 2025 13:15
Operator : RC/JU
Sample : PB166117BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 20 13:42:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB166117BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	161782	20.000	ng		-0.01
21) Naphthalene-d8	8.092	136	655900	20.000	ng		-0.01
39) Acenaphthene-d10	9.845	164	349277	20.000	ng		-0.02
64) Phenanthrene-d10	11.333	188	596700	20.000	ng		-0.01
76) Chrysene-d12	13.974	240	391687	20.000	ng		-0.01
86) Perylene-d12	15.427	264	341954	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1423767	135.951	ng		0.00
7) Phenol-d6	6.445	99	1795032	135.312	ng		0.00
23) Nitrobenzene-d5	7.375	82	1171438	94.673	ng		-0.01
42) 2,4,6-Tribromophenol	10.639	330	626751	157.484	ng		-0.01
45) 2-Fluorobiphenyl	9.169	172	2181161	95.361	ng		-0.01
79) Terphenyl-d14	12.922	244	2543164	96.504	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	192401	41.256	ng		97
3) Pyridine	3.363	79	471124	41.195	ng		97
4) n-Nitrosodimethylamine	3.316	42	260142	46.521	ng		98
6) Aniline	6.475	93	479011	40.670	ng	#	89
8) 2-Chlorophenol	6.598	128	574035	51.089	ng		96
9) Benzaldehyde	6.357	77	64923	8.309	ng		99
10) Phenol	6.457	94	689111	48.527	ng		90
11) bis(2-Chloroethyl)ether	6.551	93	520505	49.183	ng		97
12) 1,3-Dichlorobenzene	6.751	146	588814	46.987	ng		100
13) 1,4-Dichlorobenzene	6.828	146	597776	47.337	ng		99
14) 1,2-Dichlorobenzene	6.981	146	579077	49.160	ng		98
15) Benzyl Alcohol	6.957	79	491614	51.315	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.087	45	696139	47.138	ng		94
17) 2-Methylphenol	7.069	107	460047	50.715	ng		98
18) Hexachloroethane	7.322	117	221353	48.471	ng		98
19) n-Nitroso-di-n-propyla...	7.228	70	384185	49.163	ng		97
20) 3+4-Methylphenols	7.222	107	553582	48.372	ng	#	81
22) Acetophenone	7.222	105	744694	47.760	ng	#	95
24) Nitrobenzene	7.392	77	589914	45.745	ng		100
25) Isophorone	7.634	82	1045230	49.430	ng		99
26) 2-Nitrophenol	7.710	139	304130	51.845	ng		99
27) 2,4-Dimethylphenol	7.745	122	461535	58.330	ng		98
28) bis(2-Chloroethoxy)met...	7.845	93	641396	48.332	ng		100
29) 2,4-Dichlorophenol	7.951	162	472573	50.287	ng		99
30) 1,2,4-Trichlorobenzene	8.034	180	495977	46.173	ng		99
31) Naphthalene	8.116	128	1641128	47.446	ng		100
32) Benzoic acid	7.869	122	386559	50.928	ng		97
33) 4-Chloroaniline	8.163	127	217308	18.166	ng		99
34) Hexachlorobutadiene	8.234	225	305369	47.180	ng		100
35) Caprolactam	8.534	113	146246m	47.534	ng		
36) 4-Chloro-3-methylphenol	8.645	107	511507	49.770	ng		99
37) 2-Methylnaphthalene	8.804	142	1069518	48.523	ng		99
38) 1-Methylnaphthalene	8.904	142	995441	45.825	ng		100
40) 1,2,4,5-Tetrachloroben...	8.969	216	494483	49.325	ng		98
41) Hexachlorocyclopentadiene	8.957	237	615991	187.813	ng		100
43) 2,4,6-Trichlorophenol	9.081	196	347068	51.332	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	351551	49.232	ng	99
46) 1,1'-Biphenyl	9.269	154	1324467	48.829	ng	99
47) 2-Chloronaphthalene	9.292	162	993920	47.045	ng	100
48) 2-Nitroaniline	9.386	65	308424	49.248	ng	98
49) Acenaphthylene	9.710	152	1548262	51.294	ng	100
50) Dimethylphthalate	9.575	163	1173008	50.025	ng	100
51) 2,6-Dinitrotoluene	9.634	165	265650	48.718	ng	99
52) Acenaphthene	9.881	154	1161330	55.071	ng	99
53) 3-Nitroaniline	9.798	138	166299	30.011	ng	99
54) 2,4-Dinitrophenol	9.910	184	309500	119.414	ng	95
55) Dibenzofuran	10.057	168	1398581	48.758	ng	100
56) 4-Nitrophenol	9.963	139	435346	100.317	ng	95
57) 2,4-Dinitrotoluene	10.039	165	362433	51.576	ng	98
58) Fluorene	10.398	166	1091586	48.984	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	307358	51.784	ng	100
60) Diethylphthalate	10.275	149	1132863	49.488	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	532210	49.001	ng	97
62) 4-Nitroaniline	10.416	138	269068	49.612	ng	96
63) Azobenzene	10.551	77	1104849	48.914	ng	99
65) 4,6-Dinitro-2-methylph...	10.445	198	208758	60.375	ng	98
66) n-Nitrosodiphenylamine	10.510	169	969467	50.372	ng	99
67) 4-Bromophenyl-phenylether	10.881	248	349844	50.925	ng	99
68) Hexachlorobenzene	10.945	284	393452	51.449	ng	98
69) Atrazine	11.039	200	333043	64.267	ng	99
70) Pentachlorophenol	11.139	266	501513	102.404	ng	100
71) Phenanthrene	11.357	178	1652640	51.589	ng	100
72) Anthracene	11.410	178	1668857	53.576	ng	100
73) Carbazole	11.563	167	1464784	51.285	ng	100
74) Di-n-butylphthalate	11.898	149	1707757	52.246	ng	100
75) Fluoranthene	12.545	202	1702508	53.257	ng	99
77) Benzidine	12.669	184	401458	55.270	ng	99
78) Pyrene	12.775	202	1721782	46.023	ng	99
80) Butylbenzylphthalate	13.398	149	671618	53.845	ng	98
81) Benzo(a)anthracene	13.963	228	1264293	47.429	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	248240	29.246	ng	99
83) Chrysene	14.004	228	1239477	49.694	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	811154	54.200	ng	99
85) Di-n-octyl phthalate	14.574	149	1205001	53.319	ng	98
87) Indeno(1,2,3-cd)pyrene	16.880	276	1238001	49.416	ng	98
88) Benzo(b)fluoranthene	15.010	252	1206417	54.712	ng	100
89) Benzo(k)fluoranthene	15.039	252	928188	49.810	ng	99
90) Benzo(a)pyrene	15.368	252	1004648	55.223	ng	99
91) Dibenzo(a,h)anthracene	16.898	278	989420	48.830	ng	99
92) Benzo(g,h,i)perylene	17.315	276	945921	44.881	ng	99

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

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