Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021623\
Data File : BF132435.D
Acq On : 16 Feb 2023 15:47
Operator : CG\JU
Sample : PB150899BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 17 04:42:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 03:08:40 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB150899BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/17/2023
Supervised By :Jagrut Upadhyay 02/17/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.031	152	229418	20.000	ng		0.00
21) Naphthalene-d8	8.319	136	877067	20.000	ng		0.00
39) Acenaphthene-d10	10.083	164	473898	20.000	ng		0.00
64) Phenanthrene-d10	11.578	188	845627	20.000	ng		0.00
76) Chrysene-d12	14.242	240	594801	20.000	ng		0.00
86) Perylene-d12	15.801	264	483505	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.660	112	1188778	83.030	ng		0.01
7) Phenol-d6	6.654	99	1549433	82.879	ng		0.00
23) Nitrobenzene-d5	7.601	82	1477460	80.941	ng		0.00
42) 2,4,6-Tribromophenol	10.878	330	363584	76.896	ng		0.00
45) 2-Fluorobiphenyl	9.401	172	2124048	69.217	ng		0.00
79) Terphenyl-d14	13.172	244	2520550	77.176	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.990	88	235601	30.419	ng		99
3) Pyridine	3.737	79	638554	30.372	ng		100
4) n-Nitrosodimethylamine	3.707	42	337086	40.608	ng		98
6) Aniline	6.695	93	868713	33.355	ng		98
8) 2-Chlorophenol	6.819	128	638989	43.717	ng		94
9) Benzaldehyde	6.578	77	165072	16.514	ng		99
10) Phenol	6.672	94	840887m	42.443	ng		
11) bis(2-Chloroethyl)ether	6.766	93	742029	44.154	ng		100
12) 1,3-Dichlorobenzene	6.972	146	654835	41.126	ng		97
13) 1,4-Dichlorobenzene	7.048	146	654257	41.191	ng		99
14) 1,2-Dichlorobenzene	7.201	146	643921	44.249	ng		97
15) Benzyl Alcohol	7.172	79	622424	45.010	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.301	45	990965	42.409	ng		98
17) 2-Methylphenol	7.278	107	550921	39.594	ng		99
18) Hexachloroethane	7.548	117	267243	44.560	ng		96
19) n-Nitroso-di-n-propyla...	7.448	70	471671	41.154	ng		99
20) 3+4-Methylphenols	7.431	107	656715	38.227	ng	#	84
22) Acetophenone	7.442	105	877936	38.623	ng		99
24) Nitrobenzene	7.619	77	789571	39.453	ng		97
25) Isophorone	7.854	82	1424901	39.726	ng		99
26) 2-Nitrophenol	7.931	139	339619	43.654	ng		96
27) 2,4-Dimethylphenol	7.960	122	565203	40.238	ng		99
28) bis(2-Chloroethoxy)met...	8.060	93	821543	39.194	ng		99
29) 2,4-Dichlorophenol	8.172	162	529139	39.931	ng		97
30) 1,2,4-Trichlorobenzene	8.260	180	581941	39.487	ng		97
31) Naphthalene	8.342	128	1688120	37.088	ng		99
32) Benzoic acid	8.095	122	428544	43.105	ng		99
33) 4-Chloroaniline	8.384	127	385564	20.389	ng		98
34) Hexachlorobutadiene	8.454	225	371776	39.958	ng		100
35) Caprolactam	8.766	113	191044m	44.408	ng		
36) 4-Chloro-3-methylphenol	8.866	107	591785	39.912	ng		100
37) 2-Methylnaphthalene	9.037	142	1111013	36.269	ng		100
38) 1-Methylnaphthalene	9.136	142	1053762	36.615	ng		99
40) 1,2,4,5-Tetrachloroben...	9.201	216	568233	37.005	ng		99
41) Hexachlorocyclopentadiene	9.189	237	714384	84.703	ng		99
43) 2,4,6-Trichlorophenol	9.313	196	399577	39.502	ng		99

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44)	2,4,5-Trichlorophenol	9.360	196	420730	35.710	ng		96
46)	1,1'-Biphenyl	9.501	154	1328635	36.224	ng		99
47)	2-Chloronaphthalene	9.531	162	1080961	37.548	ng		99
48)	2-Nitroaniline	9.625	65	396266	39.231	ng		92
49)	Acenaphthylene	9.948	152	1651595	36.108	ng		100
50)	Dimethylphthalate	9.801	163	1261492	36.147	ng		100
51)	2,6-Dinitrotoluene	9.866	165	291011	38.344	ng		88
52)	Acenaphthene	10.119	154	1166175	40.968	ng		100
53)	3-Nitroaniline	10.036	138	255576	29.330	ng		98
54)	2,4-Dinitrophenol	10.142	184	354755	75.579	ng	#	91
55)	Dibenzofuran	10.289	168	1492128	35.330	ng		98
56)	4-Nitrophenol	10.195	139	488935	77.342	ng		90
57)	2,4-Dinitrotoluene	10.272	165	385716	38.608	ng		100
58)	Fluorene	10.636	166	1128733	35.350	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.407	232	347193	38.991	ng		99
60)	Diethylphthalate	10.501	149	1228018	35.796	ng		100
61)	4-Chlorophenyl-phenyle...	10.625	204	586103	35.051	ng		97
62)	4-Nitroaniline	10.660	138	307564	37.826	ng		99
63)	Azobenzene	10.783	77	1375819	36.246	ng		99
65)	4,6-Dinitro-2-methylph...	10.678	198	223671	42.544	ng		83
66)	n-Nitrosodiphenylamine	10.742	169	1014638	39.093	ng		100
67)	4-Bromophenyl-phenylether	11.119	248	367765	39.681	ng		95
68)	Hexachlorobenzene	11.183	284	408571	42.173	ng		98
69)	Atrazine	11.272	200	344323	43.100	ng		99
70)	Pentachlorophenol	11.383	266	455222	75.578	ng		100
71)	Phenanthrene	11.607	178	1671742	38.384	ng		99
72)	Anthracene	11.660	178	1688753	37.718	ng		99
73)	Carbazole	11.813	167	1569549	38.944	ng		99
74)	Di-n-butylphthalate	12.130	149	1891118	39.395	ng		99
75)	Fluoranthene	12.801	202	1859572	38.286	ng		99
77)	Benzidine	12.919	184	460799	36.382	ng		99
78)	Pyrene	13.036	202	1910788	37.816	ng		99
80)	Butylbenzylphthalate	13.642	149	784687	41.618	ng		97
81)	Benzo(a)anthracene	14.230	228	1659137	38.085	ng		100
82)	3,3'-Dichlorobenzidine	14.189	252	463703	39.850	ng	#	98
83)	Chrysene	14.271	228	1532796	36.826	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.195	149	975327	39.960	ng		100
85)	Di-n-octyl phthalate	14.830	149	1546211	43.628	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.424	276	1404116	45.430	ng		99
88)	Benzo(b)fluoranthene	15.336	252	1412762	44.432	ng		100
89)	Benzo(k)fluoranthene	15.371	252	1404814	44.151	ng		99
90)	Benzo(a)pyrene	15.736	252	1222525	41.373	ng		99
91)	Dibenzo(a,h)anthracene	17.442	278	1167362	45.857	ng		98
92)	Benzo(g,h,i)perylene	17.918	276	1225642	46.882	ng		99

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

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