Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031723\
Data File : BF132826.D
Acq On : 17 Mar 2023 16:43
Operator : CG\JU
Sample : PB151494BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 17 23:26:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 03:35:59 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB151494BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	216356	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	841118	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	425580	20.000	ng		0.00
64) Phenanthrene-d10	11.498	188	810443	20.000	ng		0.00
76) Chrysene-d12	14.157	240	542783	20.000	ng		0.00
86) Perylene-d12	15.680	264	491646	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.610	112	1524953	118.934	ng		0.02
7) Phenol-d6	6.604	99	1853983	111.401	ng		0.00
23) Nitrobenzene-d5	7.534	82	1242008	75.566	ng		0.00
42) 2,4,6-Tribromophenol	10.804	330	552989	122.233	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	2039558	78.724	ng		0.00
79) Terphenyl-d14	13.086	244	2472835	82.265	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.952	88	282515	39.094	ng		100
3) Pyridine	3.693	79	709143	39.876	ng		98
4) n-Nitrosodimethylamine	3.669	42	294806	44.653	ng		100
6) Aniline	6.634	93	615949	32.220	ng		99
8) 2-Chlorophenol	6.751	128	642538	46.962	ng		98
9) Benzaldehyde	6.516	77	256459	37.447	ng		98
10) Phenol	6.616	94	768588	40.653	ng		97
11) bis(2-Chloroethyl)ether	6.698	93	732898	41.916	ng		99
12) 1,3-Dichlorobenzene	6.904	146	651856	43.959	ng		100
13) 1,4-Dichlorobenzene	6.981	146	683368	46.173	ng		100
14) 1,2-Dichlorobenzene	7.134	146	624240	46.225	ng		99
15) Benzyl Alcohol	7.110	79	552241	57.372	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.234	45	716403	42.110	ng		85
17) 2-Methylphenol	7.222	107	524975	42.222	ng	#	93
18) Hexachloroethane	7.469	117	257821	45.521	ng		96
19) n-Nitroso-di-n-propyla...	7.381	70	391413	41.220	ng		97
20) 3+4-Methylphenols	7.375	107	590643	39.452	ng	#	84
22) Acetophenone	7.369	105	795834	39.628	ng	#	96
24) Nitrobenzene	7.551	77	705028	39.676	ng		99
25) Isophorone	7.787	82	1350650	41.802	ng		100
26) 2-Nitrophenol	7.863	139	364512	44.039	ng		98
27) 2,4-Dimethylphenol	7.898	122	555800	43.342	ng		98
28) bis(2-Chloroethoxy)met...	7.987	93	818293	42.165	ng		100
29) 2,4-Dichlorophenol	8.110	162	599288	45.139	ng		99
30) 1,2,4-Trichlorobenzene	8.187	180	604404	42.563	ng		99
31) Naphthalene	8.269	128	1704913	40.404	ng		100
32) Benzoic acid	8.051	122	414051	51.328	ng		95
33) 4-Chloroaniline	8.340	127	210504	11.443	ng		99
34) Hexachlorobutadiene	8.375	225	379871	42.163	ng		98
35) Caprolactam	8.704	113	198114m	48.673	ng		
36) 4-Chloro-3-methylphenol	8.810	107	607980	45.026	ng		100
37) 2-Methylnaphthalene	8.957	142	1126651	39.815	ng		100
38) 1-Methylnaphthalene	9.057	142	1048046	39.336	ng		99
40) 1,2,4,5-Tetrachloroben...	9.128	216	608903	43.615	ng		98
41) Hexachlorocyclopentadiene	9.110	237	692798	101.536	ng		99
43) 2,4,6-Trichlorophenol	9.245	196	417236	45.899	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.292	196	461144	43.571	ng		99
46)	1,1'-Biphenyl	9.428	154	1353287	42.863	ng		98
47)	2-Chloronaphthalene	9.451	162	1113820	44.553	ng		99
48)	2-Nitroaniline	9.557	65	373398	45.480	ng		96
49)	Acenaphthylene	9.869	152	1602928	41.723	ng		99
50)	Dimethylphthalate	9.728	163	1328317	43.533	ng		99
51)	2,6-Dinitrotoluene	9.792	165	305866	45.334	ng		92
52)	Acenaphthene	10.039	154	947321	40.964	ng		99
53)	3-Nitroaniline	9.969	138	236457	31.352	ng		97
54)	2,4-Dinitrophenol	10.081	184	339139	87.750	ng		97
55)	Dibenzofuran	10.216	168	1469664	41.343	ng		100
56)	4-Nitrophenol	10.139	139	431353	95.929	ng		89
57)	2,4-Dinitrotoluene	10.204	165	384364	44.598	ng		99
58)	Fluorene	10.557	166	1164890	41.209	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.334	232	364746	47.553	ng		99
60)	Diethylphthalate	10.428	149	1233140	42.646	ng		99
61)	4-Chlorophenyl-phenyle...	10.545	204	608318	40.996	ng		96
62)	4-Nitroaniline	10.592	138	311796	47.279	ng		98
63)	Azobenzene	10.704	77	1245669	42.136	ng		99
65)	4,6-Dinitro-2-methylph...	10.616	198	228452	45.993	ng		98
66)	n-Nitrosodiphenylamine	10.669	169	1037311	41.415	ng		100
67)	4-Bromophenyl-phenylether	11.039	248	388830	41.498	ng		93
68)	Hexachlorobenzene	11.110	284	443487	44.695	ng		95
69)	Atrazine	11.192	200	351664	48.754	ng		99
70)	Pentachlorophenol	11.310	266	389079	92.418	ng		99
71)	Phenanthrene	11.528	178	1667463	40.876	ng		99
72)	Anthracene	11.580	178	1699213	40.662	ng		100
73)	Carbazole	11.733	167	1550196	41.316	ng		99
74)	Di-n-butylphthalate	12.051	149	1885103	42.172	ng		99
75)	Fluoranthene	12.722	202	1858718	41.869	ng		97
77)	Benzidine	12.839	184	562775	166.487	ng		98
78)	Pyrene	12.951	202	1895460	42.017	ng		100
80)	Butylbenzylphthalate	13.557	149	783158	42.436	ng		94
81)	Benzo(a)anthracene	14.145	228	1685817	42.909	ng		99
82)	3,3'-Dichlorobenzidine	14.098	252	364278	35.719	ng		98
83)	Chrysene	14.186	228	1576835	42.473	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.110	149	1050076	45.249	ng	#	98
85)	Di-n-octyl phthalate	14.727	149	1739220	47.840	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.257	276	1384061	44.909	ng		99
88)	Benzo(b)fluoranthene	15.227	252	1500041	46.774	ng		99
89)	Benzo(k)fluoranthene	15.263	252	1252241	39.957	ng		98
90)	Benzo(a)pyrene	15.616	252	1249793	41.803	ng		99
91)	Dibenzo(a,h)anthracene	17.274	278	1125721	44.759	ng		98
92)	Benzo(g,h,i)perylene	17.739	276	1193266	45.407	ng		98

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

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