Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
Data File : BF133384.D
Acq On : 15 May 2023 13:58
Operator : CG\JU
Sample : PB152781BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 15 14:46:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 16:40:17 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB152781BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/16/2023
Supervised By :Yogesh Patel 05/16/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.722	152	236418	20.000	ng		0.00
21) Naphthalene-d8	8.010	136	980297	20.000	ng		0.00
39) Acenaphthene-d10	9.763	164	505029	20.000	ng		0.00
64) Phenanthrene-d10	11.245	188	886266	20.000	ng		0.00
76) Chrysene-d12	13.886	240	532605	20.000	ng		0.00
86) Perylene-d12	15.304	264	466293	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1915692	122.405	ng		0.02
7) Phenol-d6	6.375	99	2287201	117.742	ng		0.00
23) Nitrobenzene-d5	7.292	82	1489898	82.036	ng		0.00
42) 2,4,6-Tribromophenol	10.557	330	604117	118.943	ng		0.00
45) 2-Fluorobiphenyl	9.086	172	2463043	81.593	ng		0.00
79) Terphenyl-d14	12.833	244	2698110	87.369	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.481	88	276674	38.113	ng		96
3) Pyridine	3.169	79	723831	37.542	ng		99
4) n-Nitrosodimethylamine	3.140	42	403479	40.402	ng		92
6) Aniline	6.387	93	784421	31.352	ng	#	19
8) 2-Chlorophenol	6.510	128	781222	49.163	ng		95
9) Benzaldehyde	6.269	77	424130	52.674	ng		98
10) Phenol	6.387	94	891723	41.611	ng	#	72
11) bis(2-Chloroethyl)ether	6.457	93	740513	46.048	ng		99
12) 1,3-Dichlorobenzene	6.663	146	806129	47.716	ng		97
13) 1,4-Dichlorobenzene	6.740	146	808134	47.729	ng		99
14) 1,2-Dichlorobenzene	6.892	146	779433	49.931	ng		97
15) Benzyl Alcohol	6.875	79	629260	46.895	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	1131456	40.509	ng		83
17) 2-Methylphenol	6.992	107	631340	43.390	ng		95
18) Hexachloroethane	7.234	117	285287	48.463	ng		99
19) n-Nitroso-di-n-propyla...	7.151	70	492473	40.722	ng		93
20) 3+4-Methylphenols	7.145	107	760027	44.354	ng	#	81
22) Acetophenone	7.140	105	1055518	46.482	ng		95
24) Nitrobenzene	7.310	77	790831	42.972	ng		98
25) Isophorone	7.551	82	1479584	42.908	ng		99
26) 2-Nitrophenol	7.628	139	442150	49.811	ng		94
27) 2,4-Dimethylphenol	7.675	122	693986	45.595	ng		98
28) bis(2-Chloroethoxy)met...	7.763	93	888547	43.558	ng		99
29) 2,4-Dichlorophenol	7.875	162	643269	46.425	ng		98
30) 1,2,4-Trichlorobenzene	7.951	180	666833	46.453	ng		99
31) Naphthalene	8.034	128	2132124	43.502	ng		99
32) Benzoic acid	7.822	122	433869	46.148	ng		99
33) 4-Chloroaniline	8.081	127	337629m	17.050	ng		
34) Hexachlorobutadiene	8.145	225	357609	44.948	ng		98
35) Caprolactam	8.469	113	232308m	49.907	ng		
36) 4-Chloro-3-methylphenol	8.581	107	696794	46.633	ng		97
37) 2-Methylnaphthalene	8.722	142	1411616	42.128	ng		98
38) 1-Methylnaphthalene	8.822	142	1310129	41.795	ng		100
40) 1,2,4,5-Tetrachloroben...	8.892	216	592268	43.617	ng		99
41) Hexachlorocyclopentadiene	8.875	237	676951	85.482	ng		99
43) 2,4,6-Trichlorophenol	9.004	196	420466	44.775	ng		96

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44)	2,4,5-Trichlorophenol	9.051	196	462293	42.566	ng		95
46)	1,1'-Biphenyl	9.186	154	1724200	43.055	ng		99
47)	2-Chloronaphthalene	9.210	162	1322079	45.105	ng		99
48)	2-Nitroaniline	9.310	65	419486	43.303	ng		98
49)	Acenaphthylene	9.628	152	2001623	42.738	ng		99
50)	Dimethylphthalate	9.492	163	1590076	45.154	ng		99
51)	2,6-Dinitrotoluene	9.557	165	364577	45.998	ng	#	83
52)	Acenaphthene	9.798	154	1463918m	46.669	ng		
53)	3-Nitroaniline	9.722	138	256183	27.184	ng		97
54)	2,4-Dinitrophenol	9.833	184	401884	100.876	ng		97
55)	Dibenzofuran	9.969	168	1748076	40.854	ng		97
56)	4-Nitrophenol	9.904	139	574291	78.679	ng		98
57)	2,4-Dinitrotoluene	9.963	165	455091	45.024	ng		93
58)	Fluorene	10.316	166	1333445	42.536	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.092	232	374823	44.517	ng		98
60)	Diethylphthalate	10.192	149	1439309	43.271	ng		100
61)	4-Chlorophenyl-phenyle...	10.304	204	640870	41.950	ng		97
62)	4-Nitroaniline	10.345	138	408819	47.199	ng		96
63)	Azobenzene	10.463	77	1434357	40.707	ng		99
65)	4,6-Dinitro-2-methylph...	10.375	198	281708	52.441	ng		94
66)	n-Nitrosodiphenylamine	10.428	169	1216444	42.314	ng		99
67)	4-Bromophenyl-phenylether	10.792	248	414035	43.074	ng		97
68)	Hexachlorobenzene	10.863	284	446832	45.367	ng		99
69)	Atrazine	10.957	200	430304	51.946	ng		98
70)	Pentachlorophenol	11.057	266	496825	70.827	ng		98
71)	Phenanthrene	11.275	178	1998765	41.961	ng		99
72)	Anthracene	11.327	178	2089787	42.869	ng		100
73)	Carbazole	11.480	167	1914648	44.109	ng		99
74)	Di-n-butylphthalate	11.810	149	2295539	46.732	ng		100
75)	Fluoranthene	12.457	202	2046871	42.816	ng		99
77)	Benzidine	12.580	184	1016098	112.817	ng	#	93
78)	Pyrene	12.686	202	2115766	46.341	ng		99
80)	Butylbenzylphthalate	13.304	149	915577	56.637	ng		94
81)	Benzo(a)anthracene	13.874	228	1546772	42.232	ng		99
82)	3,3'-Dichlorobenzidine	13.839	252	357432	35.327	ng		99
83)	Chrysene	13.916	228	1558162	42.553	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.868	149	1050971	51.795	ng		99
85)	Di-n-octyl phthalate	14.480	149	1707138	51.598	ng		96
87)	Indeno(1,2,3-cd)pyrene	16.692	276	1429483	53.895	ng		99
88)	Benzo(b)fluoranthene	14.904	252	1377592	46.438	ng		100
89)	Benzo(k)fluoranthene	14.933	252	1237069	42.068	ng		99
90)	Benzo(a)pyrene	15.251	252	1146061	42.445	ng		98
91)	Dibenzo(a,h)anthracene	16.709	278	1178548	53.275	ng		98
92)	Benzo(g,h,i)perylene	17.115	276	1215917	55.674	ng		97

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

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