Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092022\
Data File : BP011764.D
Acq On : 20 Sep 2022 16:56
Operator : CG/JU
Sample : PB147734BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 21 06:48:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 04:42:52 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB147734BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
09/21/2022
Supervised By :Jagrut Upadhyay
09/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.934	152	495186	20.000	ng		0.00
21) Naphthalene-d8	10.752	136	2165974	20.000	ng		0.00
39) Acenaphthene-d10	14.575	164	1189407	20.000	ng		0.00
64) Phenanthrene-d10	17.334	188	2130963	20.000	ng	#	0.00
76) Chrysene-d12	21.410	240	1440309	20.000	ng	#	0.00
86) Perylene-d12	23.863	264	1114004	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	4560850	167.648	ng		0.00
7) Phenol-d6	7.105	99	5775061	159.249	ng		0.01
23) Nitrobenzene-d5	9.105	82	3414281	93.487	ng		0.00
42) 2,4,6-Tribromophenol	16.069	330	1206706	129.847	ng		0.00
45) 2-Fluorobiphenyl	13.204	172	6488624	84.800	ng		0.00
79) Terphenyl-d14	19.880	244	7041758	106.317	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	434254	36.246	ng	#	83
3) Pyridine	3.781	79	1226789	35.518	ng	#	78
4) n-Nitrosodimethylamine	3.687	42	649319	49.037	ng	#	41
6) Aniline	7.263	93	2198055	49.204	ng		90
8) 2-Chlorophenol	7.499	128	1658631	51.417	ng		94
9) Benzaldehyde	7.069	77	460841m	19.853	ng		
10) Phenol	7.128	94	2148054	52.663	ng		83
11) bis(2-Chloroethyl)ether	7.358	93	1641001	50.504	ng		95
12) 1,3-Dichlorobenzene	7.822	146	1659265	46.382	ng	#	93
13) 1,4-Dichlorobenzene	7.975	146	1692123	46.511	ng		97
14) 1,2-Dichlorobenzene	8.293	146	1640267	47.295	ng		98
15) Benzyl Alcohol	8.181	79	1368017	52.842	ng	#	91
16) 2,2'-oxybis(1-Chloropr...	8.469	45	2308602	53.193	ng		94
17) 2-Methylphenol	8.381	107	1356170	51.209	ng		92
18) Hexachloroethane	9.022	117	628746	49.966	ng		92
19) n-Nitroso-di-n-propyla...	8.752	70	1193093	50.813	ng	#	85
20) 3+4-Methylphenols	8.710	107	1829303	50.295	ng		93
22) Acetophenone	8.769	105	2396642	47.201	ng	#	88
24) Nitrobenzene	9.146	77	1791706	47.152	ng		91
25) Isophorone	9.681	82	3255007	50.383	ng		95
26) 2-Nitrophenol	9.857	139	797493	45.855	ng	#	84
27) 2,4-Dimethylphenol	9.922	122	1468529	54.369	ng		89
28) bis(2-Chloroethoxy)met...	10.157	93	2043016	49.453	ng		98
29) 2,4-Dichlorophenol	10.393	162	1372887	45.884	ng		98
30) 1,2,4-Trichlorobenzene	10.610	180	1378372	41.610	ng		98
31) Naphthalene	10.799	128	4828158	42.955	ng		99
32) Benzoic acid	10.069	122	989690	44.220	ng		90
33) 4-Chloroaniline	10.910	127	1662673	37.703	ng		93
34) Hexachlorobutadiene	11.087	225	727701	39.878	ng		98
35) Caprolactam	11.716	113	458276	47.269	ng	#	77
36) 4-Chloro-3-methylphenol	12.034	107	1511228	46.964	ng		92
37) 2-Methylnaphthalene	12.404	142	3209268	42.664	ng		97
38) 1-Methylnaphthalene	12.622	142	3057551	41.574	ng		98
40) 1,2,4,5-Tetrachloroben...	12.775	216	1394986	44.438	ng	#	96
41) Hexachlorocyclopentadiene	12.751	237	1751337	111.771	ng		98
43) 2,4,6-Trichlorophenol	13.010	196	959336	44.927	ng		99

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44) 2,4,5-Trichlorophenol	13.081	196	1058220	44.324	ng		97
46) 1,1'-Biphenyl	13.416	154	3982463	46.026	ng		99
47) 2-Chloronaphthalene	13.457	162	2983433	43.823	ng		100
48) 2-Nitroaniline	13.657	65	1000729	52.417	ng		89
49) Acenaphthylene	14.298	152	4763218	45.218	ng		98
50) Dimethylphthalate	14.040	163	3544850	42.721	ng		100
51) 2,6-Dinitrotoluene	14.151	165	783662	46.574	ng		92
52) Acenaphthene	14.645	154	3339020m	47.652	ng		
53) 3-Nitroaniline	14.487	138	889442	42.025	ng		94
54) 2,4-Dinitrophenol	14.687	184	822348	84.223	ng		92
55) Dibenzofuran	14.975	168	4319480	42.808	ng		99
56) 4-Nitrophenol	14.792	139	1507251	92.191	ng	#	74
57) 2,4-Dinitrotoluene	14.940	165	1031193	42.553	ng		92
58) Fluorene	15.628	166	3536955	43.217	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	789142m	40.234	ng		
60) Diethylphthalate	15.404	149	3574305	43.267	ng		98
61) 4-Chlorophenyl-phenyle...	15.622	204	1602128	42.348	ng		100
62) 4-Nitroaniline	15.651	138	884524	40.973	ng	#	80
63) Azobenzene	15.916	77	3726692	46.943	ng		92
65) 4,6-Dinitro-2-methylph...	15.704	198	458146	40.868	ng		91
66) n-Nitrosodiphenylamine	15.834	169	2973053	46.890	ng		98
67) 4-Bromophenyl-phenylether	16.516	248	872128	43.719	ng		94
68) Hexachlorobenzene	16.634	284	899467	41.867	ng		93
69) Atrazine	16.792	200	808532	41.776	ng		96
70) Pentachlorophenol	16.975	266	1215182	89.159	ng		99
71) Phenanthrene	17.375	178	5051401	43.565	ng		97
72) Anthracene	17.469	178	5085539	46.373	ng		98
73) Carbazole	17.733	167	4789355	46.292	ng		99
74) Di-n-butylphthalate	18.286	149	5719889	45.869	ng		99
75) Fluoranthene	19.333	202	5087836	40.685	ng		94
77) Benzidine	19.516	184	1952883	57.013	ng		98
78) Pyrene	19.686	202	5201485	53.544	ng		98
80) Butylbenzylphthalate	20.557	149	2167855	53.254	ng		96
81) Benzo(a)anthracene	21.392	228	4152749	44.733	ng		97
82) 3,3'-Dichlorobenzidine	21.327	252	1396161	49.516	ng	#	97
83) Chrysene	21.451	228	3846151	43.362	ng		97
84) Bis(2-ethylhexyl)phtha...	21.316	149	2974502	50.793	ng	#	99
85) Di-n-octyl phthalate	22.257	149	4280091	42.591	ng		95
87) Indeno(1,2,3-cd)pyrene	26.427	276	3762320	46.878	ng	#	87
88) Benzo(b)fluoranthene	23.110	252	3418526	49.617	ng	#	96
89) Benzo(k)fluoranthene	23.163	252	3454283	49.751	ng	#	95
90) Benzo(a)pyrene	23.751	252	2960062	52.006	ng	#	95
91) Dibenzo(a,h)anthracene	26.445	278	3279112	49.205	ng	#	93
92) Benzo(g,h,i)perylene	27.215	276	3243344	49.920	ng	#	90

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

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