Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101722\
Data File : BF130684.D
Acq On : 17 Oct 2022 13:44
Operator : CG\JU
Sample : PB148379BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 18 03:20:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 18 03:15:54 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB148379BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/18/2022
Supervised By :Jagrut Upadhyay 10/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.575	152	90164	20.000	ng		0.00
21) Naphthalene-d8	7.857	136	352565	20.000	ng		0.00
39) Acenaphthene-d10	9.610	164	187208	20.000	ng		0.00
64) Phenanthrene-d10	11.086	188	333522	20.000	ng		0.00
76) Chrysene-d12	13.721	240	232724	20.000	ng		0.00
86) Perylene-d12	15.092	264	172070	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.187	112	693689	138.681	ng		0.02
7) Phenol-d6	6.234	99	856643	136.214	ng		0.00
23) Nitrobenzene-d5	7.151	82	531440	82.287	ng		0.00
42) 2,4,6-Tribromophenol	10.404	330	290729	158.710	ng		0.00
45) 2-Fluorobiphenyl	8.939	172	1091296	88.300	ng		0.00
79) Terphenyl-d14	12.674	244	1283154	91.511	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.216	88	75677	25.007	ng		98
3) Pyridine	2.875	79	185397	34.249	ng		97
4) n-Nitrosodimethylamine	2.840	42	115219	45.175	ng		94
6) Aniline	6.239	93	295081	39.191	ng	#	84
8) 2-Chlorophenol	6.363	128	277714	47.211	ng		97
9) Benzaldehyde	6.128	77	149848	37.925	ng		98
10) Phenol	6.245	94	321584	44.194	ng		98
11) bis(2-Chloroethyl)ether	6.322	93	240836	45.563	ng		99
12) 1,3-Dichlorobenzene	6.516	146	290564	45.114	ng		98
13) 1,4-Dichlorobenzene	6.592	146	301891	46.203	ng		97
14) 1,2-Dichlorobenzene	6.745	146	280349	46.070	ng		97
15) Benzyl Alcohol	6.739	79	202116	44.763	ng		97
16) 2,2'-oxybis(1-Chloropr...	6.863	45	294479	43.304	ng		82
17) 2-Methylphenol	6.851	107	214757	45.896	ng		96
18) Hexachloroethane	7.081	117	112406	45.474	ng		98
19) n-Nitroso-di-n-propyla...	7.004	70	182298	44.929	ng		98
20) 3+4-Methylphenols	7.010	107	277637	44.279	ng	#	84
22) Acetophenone	6.998	105	387423	45.808	ng		97
24) Nitrobenzene	7.169	77	276040	42.501	ng		98
25) Isophorone	7.410	82	492629	45.831	ng		100
26) 2-Nitrophenol	7.486	139	147711	46.376	ng		98
27) 2,4-Dimethylphenol	7.533	122	226176	50.949	ng		99
28) bis(2-Chloroethoxy)met...	7.622	93	297934	47.869	ng		99
29) 2,4-Dichlorophenol	7.728	162	227163	45.737	ng		99
30) 1,2,4-Trichlorobenzene	7.804	180	240780	44.967	ng		99
31) Naphthalene	7.881	128	787800	43.166	ng		100
32) Benzoic acid	7.704	122	119847	42.674	ng		99
33) 4-Chloroaniline	7.939	127	247134	34.957	ng		99
34) Hexachlorobutadiene	7.998	225	152901	46.008	ng		96
35) Caprolactam	8.333	113	71620m	47.927	ng		
36) 4-Chloro-3-methylphenol	8.439	107	242350	44.984	ng		96
37) 2-Methylnaphthalene	8.569	142	523877	45.614	ng		99
38) 1-Methylnaphthalene	8.669	142	493879	44.297	ng		98
40) 1,2,4,5-Tetrachloroben...	8.739	216	246335	48.499	ng		99
41) Hexachlorocyclopentadiene	8.722	237	187155	94.365	ng		99
43) 2,4,6-Trichlorophenol	8.857	196	153754	45.084	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	8.904	196	168451	44.915	ng		97
46) 1,1'-Biphenyl	9.039	154	642553	47.361	ng		100
47) 2-Chloronaphthalene	9.063	162	501424	45.220	ng		99
48) 2-Nitroaniline	9.169	65	147320	44.135	ng		91
49) Acenaphthylene	9.475	152	745925	44.897	ng		99
50) Dimethylphthalate	9.351	163	597752	46.126	ng		98
51) 2,6-Dinitrotoluene	9.416	165	133796	47.067	ng		89
52) Acenaphthene	9.645	154	454428	45.145	ng		98
53) 3-Nitroaniline	9.580	138	105931	33.996	ng		94
54) 2,4-Dinitrophenol	9.698	184	128618	88.245	ng		93
55) Dibenzofuran	9.816	168	700979	45.713	ng		100
56) 4-Nitrophenol	9.769	139	142835	83.136	ng		96
57) 2,4-Dinitrotoluene	9.822	165	177063	48.465	ng	#	77
58) Fluorene	10.157	166	579621	45.976	ng		100
59) 2,3,4,6-Tetrachlorophenol	9.939	232	136286	45.580	ng		97
60) Diethylphthalate	10.045	149	584295	45.190	ng		99
61) 4-Chlorophenyl-phenyle...	10.151	204	269326	47.253	ng		99
62) 4-Nitroaniline	10.198	138	128296	43.124	ng		98
63) Azobenzene	10.310	77	522324	42.890	ng		99
65) 4,6-Dinitro-2-methylph...	10.227	198	95711	45.921	ng		93
66) n-Nitrosodiphenylamine	10.274	169	493915	44.520	ng		98
67) 4-Bromophenyl-phenylether	10.639	248	179501	47.566	ng		96
68) Hexachlorobenzene	10.698	284	201242	47.174	ng		99
69) Atrazine	10.810	200	167314	55.383	ng		99
70) Pentachlorophenol	10.904	266	152857	92.065	ng		98
71) Phenanthrene	11.116	178	819339	44.341	ng		99
72) Anthracene	11.169	178	829502	45.964	ng		99
73) Carbazole	11.327	167	752976	46.759	ng		99
74) Di-n-butylphthalate	11.657	149	923245	47.330	ng		100
75) Fluoranthene	12.298	202	852578	48.007	ng		99
77) Benzidine	12.427	184	331173	56.299	ng		98
78) Pyrene	12.521	202	855298	42.600	ng		100
80) Butylbenzylphthalate	13.151	149	366291	47.446	ng		100
81) Benzo(a)anthracene	13.710	228	706492	45.053	ng		99
82) 3,3'-Dichlorobenzidine	13.680	252	201944	44.565	ng		99
83) Chrysene	13.751	228	651967	43.851	ng		99
84) Bis(2-ethylhexyl)phtha...	13.710	149	487357	52.071	ng		100
85) Di-n-octyl phthalate	14.321	149	697526	48.662	ng		99
87) Indeno(1,2,3-cd)pyrene	16.386	276	562740	43.695	ng		98
88) Benzo(b)fluoranthene	14.715	252	553745	50.822	ng		99
89) Benzo(k)fluoranthene	14.745	252	565305	50.954	ng		98
90) Benzo(a)pyrene	15.039	252	465515	51.334	ng		100
91) Dibenzo(a,h)anthracene	16.398	278	497722	47.148	ng		99
92) Benzo(g,h,i)perylene	16.774	276	490048	49.840	ng		97

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

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