Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130338.D
Acq On : 20 Sep 2022 11:40
Operator : CG\JU
Sample : PB147679BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 21 05:10:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 19 15:06:14 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB147679BS

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	6.657	152	106989	20.000	ng		0.00
21) Naphthalene-d8	7.945	136	423755	20.000	ng		0.00
39) Acenaphthene-d10	9.692	164	225989	20.000	ng		0.00
64) Phenanthrene-d10	11.174	188	398199	20.000	ng		0.00
76) Chrysene-d12	13.810	240	238904	20.000	ng		0.00
86) Perylene-d12	15.198	264	196714	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.281	112	808886	131.133	ng		0.02
7) Phenol-d6	6.310	99	1005824	130.320	ng		0.01
23) Nitrobenzene-d5	7.228	82	638803	77.015	ng		0.00
42) 2,4,6-Tribromophenol	10.486	330	337885	156.038	ng		0.00
45) 2-Fluorobiphenyl	9.022	172	1239211	79.850	ng		0.00
79) Terphenyl-d14	12.763	244	1366615	94.757	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.375	88	88094	31.097	ng		97
3) Pyridine	3.057	79	239490	32.407	ng		97
4) n-Nitrosodimethylamine	3.016	42	147722	36.753	ng		98
6) Aniline	6.322	93	376947	39.638	ng	#	22
8) 2-Chlorophenol	6.445	128	316776	45.082	ng		93
9) Benzaldehyde	6.210	77	182123	35.227	ng		93
10) Phenol	6.322	94	381751	42.206	ng	#	74
11) bis(2-Chloroethyl)ether	6.404	93	277645	42.558	ng		93
12) 1,3-Dichlorobenzene	6.598	146	332362	42.987	ng		98
13) 1,4-Dichlorobenzene	6.675	146	340775	43.221	ng		99
14) 1,2-Dichlorobenzene	6.828	146	322812	43.829	ng		98
15) Benzyl Alcohol	6.810	79	253911	41.493	ng		97
16) 2,2'-oxybis(1-Chloropr...	6.939	45	355352	37.345	ng		87
17) 2-Methylphenol	6.928	107	257815	45.136	ng		97
18) Hexachloroethane	7.169	117	128945	41.490	ng		98
19) n-Nitroso-di-n-propyla...	7.087	70	211574	40.625	ng		92
20) 3+4-Methylphenols	7.081	107	320673	43.216	ng	#	79
22) Acetophenone	7.075	105	446820	43.129	ng		94
24) Nitrobenzene	7.245	77	329267	39.095	ng		98
25) Isophorone	7.486	82	584211	43.700	ng		99
26) 2-Nitrophenol	7.563	139	165018	47.796	ng		92
27) 2,4-Dimethylphenol	7.610	122	262299	49.341	ng		96
28) bis(2-Chloroethoxy)met...	7.704	93	343328	45.608	ng		98
29) 2,4-Dichlorophenol	7.810	162	258552	44.383	ng		96
30) 1,2,4-Trichlorobenzene	7.886	180	268520	42.634	ng		97
31) Naphthalene	7.963	128	913815	41.858	ng		99
32) Benzoic acid	7.745	122	164530	40.022	ng		93
33) 4-Chloroaniline	8.022	127	319696	38.503	ng		96
34) Hexachlorobutadiene	8.081	225	167970	41.730	ng		99
35) Caprolactam	8.398	113	86752m	51.946	ng		
36) 4-Chloro-3-methylphenol	8.510	107	296745	45.956	ng		96
37) 2-Methylnaphthalene	8.657	142	589802	42.373	ng		98
38) 1-Methylnaphthalene	8.757	142	562998	42.104	ng		100
40) 1,2,4,5-Tetrachloroben...	8.822	216	272542	44.191	ng		99
41) Hexachlorocyclopentadiene	8.810	237	332521	100.705	ng		99
43) 2,4,6-Trichlorophenol	8.939	196	190406	44.237	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	8.980	196	202223	43.538	ng		95
46) 1,1'-Biphenyl	9.122	154	733168	43.440	ng		99
47) 2-Chloronaphthalene	9.145	162	570815	41.808	ng		98
48) 2-Nitroaniline	9.245	65	187380	41.149	ng		96
49) Acenaphthylene	9.557	152	875920	42.789	ng		100
50) Dimethylphthalate	9.433	163	674183	43.188	ng		99
51) 2,6-Dinitrotoluene	9.492	165	151642	46.449	ng	#	82
52) Acenaphthene	9.727	154	642554m	47.774	ng		
53) 3-Nitroaniline	9.657	138	131077	36.032	ng		94
54) 2,4-Dinitrophenol	9.769	184	169098	94.272	ng	#	78
55) Dibenzofuran	9.904	168	799844	42.754	ng		98
56) 4-Nitrophenol	9.833	139	253665	95.737	ng		91
57) 2,4-Dinitrotoluene	9.892	165	202417	48.514	ng		89
58) Fluorene	10.245	166	653708	42.727	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.022	232	163724	45.035	ng		94
60) Diethylphthalate	10.127	149	664452	42.446	ng		99
61) 4-Chlorophenyl-phenyle...	10.239	204	298358	44.454	ng		97
62) 4-Nitroaniline	10.275	138	163290	44.682	ng		94
63) Azobenzene	10.398	77	622352	38.609	ng		96
65) 4,6-Dinitro-2-methylph...	10.298	198	104197	47.007	ng		88
66) n-Nitrosodiphenylamine	10.363	169	558682	41.985	ng		98
67) 4-Bromophenyl-phenylether	10.727	248	191887	43.683	ng		94
68) Hexachlorobenzene	10.786	284	223608	44.906	ng		99
69) Atrazine	10.892	200	182343	46.891	ng		97
70) Pentachlorophenol	10.986	266	248558	93.008	ng		99
71) Phenanthrene	11.204	178	931394	41.661	ng		99
72) Anthracene	11.251	178	945714	43.835	ng		100
73) Carbazole	11.410	167	863662	44.357	ng		100
74) Di-n-butylphthalate	11.745	149	1006158	42.853	ng		99
75) Fluoranthene	12.386	202	947361	43.853	ng		97
77) Benzidine	12.516	184	498031	71.812	ng		99
78) Pyrene	12.610	202	943168	45.129	ng		99
80) Butylbenzylphthalate	13.239	149	367744	47.497	ng		96
81) Benzo(a)anthracene	13.798	228	691844	43.531	ng		99
82) 3,3'-Dichlorobenzidine	13.768	252	203224	46.975	ng	#	98
83) Chrysene	13.833	228	628176	41.627	ng		99
84) Bis(2-ethylhexyl)phtha...	13.798	149	429989	48.485	ng		98
85) Di-n-octyl phthalate	14.410	149	583100	42.988	ng		96
87) Indeno(1,2,3-cd)pyrene	16.527	276	593878	42.573	ng		98
88) Benzo(b)fluoranthene	14.810	252	585288	45.585	ng		98
89) Benzo(k)fluoranthene	14.833	252	546703	43.286	ng		100
90) Benzo(a)pyrene	15.139	252	496479	48.809	ng		98
91) Dibenzo(a,h)anthracene	16.545	278	518506	45.309	ng		99
92) Benzo(g,h,i)perylene	16.927	276	517696	44.908	ng		99

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

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