Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
Data File : BF128191.D
Acq On : 11 May 2022 13:23
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 12 05:59:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 15:30:11 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/12/2022
Supervised By :Jagrut Upadhyay 05/12/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	98760	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	363202	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	204463	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	367287	20.000	ng		0.00
76) Chrysene-d12	14.074	240	245916	20.000	ng		0.00
86) Perylene-d12	15.568	264	197927	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	498083	80.398	ng		0.00
7) Phenol-d6	6.528	99	653746	79.782	ng		0.00
23) Nitrobenzene-d5	7.463	82	659063	81.650	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	184701	78.766	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	1041563	79.708	ng		0.00
79) Terphenyl-d14	13.016	244	1109330	84.645	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	114215	41.444	ng		97
3) Pyridine	3.487	79	301427	41.228	ng		99
4) n-Nitrosodimethylamine	3.463	42	154309	42.338	ng		91
6) Aniline	6.563	93	379497	41.010	ng		99
8) 2-Chlorophenol	6.681	128	250620	39.718	ng		98
9) Benzaldehyde	6.451	77	177556	45.145	ng		93
10) Phenol	6.540	94	346595	40.110	ng		95
11) bis(2-Chloroethyl)ether	6.634	93	257077	39.725	ng		98
12) 1,3-Dichlorobenzene	6.834	146	285416	40.187	ng	#	95
13) 1,4-Dichlorobenzene	6.910	146	289043	40.276	ng		95
14) 1,2-Dichlorobenzene	7.063	146	263893	39.022	ng		98
15) Benzyl Alcohol	7.039	79	258643	39.942	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.163	45	382942	39.904	ng		99
17) 2-Methylphenol	7.145	107	216932	40.523	ng		96
18) Hexachloroethane	7.404	117	111618	41.168	ng		98
19) n-Nitroso-di-n-propyla...	7.310	70	197428	39.125	ng		98
20) 3+4-Methylphenols	7.298	107	264069	39.839	ng		96
22) Acetophenone	7.310	105	361907	40.016	ng		97
24) Nitrobenzene	7.481	77	305266	40.977	ng		97
25) Isophorone	7.716	82	511008	40.381	ng		99
26) 2-Nitrophenol	7.792	139	136505	41.729	ng		95
27) 2,4-Dimethylphenol	7.828	122	204916	40.641	ng		98
28) bis(2-Chloroethoxy)met...	7.922	93	324299	40.542	ng		99
29) 2,4-Dichlorophenol	8.039	162	218833	41.283	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	247242	40.697	ng		98
31) Naphthalene	8.204	128	720251	40.153	ng		99
32) Benzoic acid	7.963	122	154474m	40.967	ng		
33) 4-Chloroaniline	8.251	127	279592	39.264	ng		97
34) Hexachlorobutadiene	8.310	225	164840	40.408	ng		99
35) Caprolactam	8.633	113	66237	38.280	ng		96
36) 4-Chloro-3-methylphenol	8.733	107	238143	40.208	ng		98
37) 2-Methylnaphthalene	8.892	142	483049	39.943	ng		100
38) 1-Methylnaphthalene	8.992	142	461373	39.722	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	248444	41.193	ng		99
41) Hexachlorocyclopentadiene	9.039	237	94197	37.109	ng		100
43) 2,4,6-Trichlorophenol	9.169	196	158936	40.903	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	170860	41.239	ng		99
46) 1,1'-Biphenyl	9.357	154	602386	40.470	ng		98
47) 2-Chloronaphthalene	9.380	162	444408	40.282	ng		96
48) 2-Nitroaniline	9.480	65	162641	41.119	ng		93
49) Acenaphthylene	9.798	152	669890	40.145	ng		100
50) Dimethylphthalate	9.657	163	529348	40.119	ng		100
51) 2,6-Dinitrotoluene	9.728	165	114982	39.726	ng		92
52) Acenaphthene	9.975	154	464598m	40.156	ng		
53) 3-Nitroaniline	9.898	138	122602	39.072	ng		98
54) 2,4-Dinitrophenol	10.004	184	61485	38.399	ng	#	81
55) Dibenzofuran	10.145	168	652430	39.716	ng		99
56) 4-Nitrophenol	10.057	139	83746	38.196	ng		94
57) 2,4-Dinitrotoluene	10.133	165	155337	40.136	ng	#	89
58) Fluorene	10.486	166	502123	39.242	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	141829	40.057	ng		98
60) Diethylphthalate	10.357	149	523789	39.789	ng		99
61) 4-Chlorophenyl-phenyle...	10.475	204	253446	39.718	ng		95
62) 4-Nitroaniline	10.516	138	123140	38.711	ng		94
63) Azobenzene	10.639	77	576006	39.958	ng		98
65) 4,6-Dinitro-2-methylph...	10.539	198	96094	41.804	ng		90
66) n-Nitrosodiphenylamine	10.598	169	433518	40.500	ng		100
67) 4-Bromophenyl-phenylether	10.969	248	162304	41.074	ng		95
68) Hexachlorobenzene	11.033	284	176304	40.788	ng		97
69) Atrazine	11.122	200	143554	39.756	ng		96
70) Pentachlorophenol	11.233	266	85119	40.575	ng		96
71) Phenanthrene	11.457	178	727201	39.763	ng		98
72) Anthracene	11.504	178	728806	39.913	ng		100
73) Carbazole	11.663	167	681771	39.265	ng		99
74) Di-n-butylphthalate	11.980	149	780495	39.046	ng		100
75) Fluoranthene	12.645	202	758155	38.237	ng		97
77) Benzidine	12.763	184	246767	46.331	ng		98
78) Pyrene	12.874	202	771838	43.286	ng		99
80) Butylbenzylphthalate	13.486	149	314237	42.390	ng		91
81) Benzo(a)anthracene	14.063	228	640095	40.751	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	147401	41.822	ng		100
83) Chrysene	14.104	228	599255	39.984	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	412525	41.186	ng		98
85) Di-n-octyl phthalate	14.651	149	623283	38.956	ng		100
87) Indeno(1,2,3-cd)pyrene	17.098	276	526034	43.935	ng		96
88) Benzo(b)fluoranthene	15.127	252	517432	42.173	ng		98
89) Benzo(k)fluoranthene	15.162	252	465297	38.418	ng		99
90) Benzo(a)pyrene	15.509	252	404150	40.801	ng	#	97
91) Dibenzo(a,h)anthracene	17.109	278	428764	44.234	ng		96
92) Benzo(g,h,i)perylene	17.562	276	426776	43.484	ng		95

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

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