Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
Data File : BF128185.D
Acq On : 11 May 2022 10:08
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 12 05:58:29 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

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	98172	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	357121	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	206150	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	367028	20.000	ng		0.00
76) Chrysene-d12	14.080	240	252259	20.000	ng		0.00
86) Perylene-d12	15.574	264	196892	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	493469	80.130	ng		0.00
7) Phenol-d6	6.528	99	651608	79.998	ng		0.00
23) Nitrobenzene-d5	7.463	82	657613	82.858	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	187517	79.312	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	1044560	79.283	ng		0.00
79) Terphenyl-d14	13.016	244	1137882	84.641	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	111364	40.651	ng		98
3) Pyridine	3.493	79	296887	40.850	ng		97
4) n-Nitrosodimethylamine	3.469	42	151401	41.789	ng		91
6) Aniline	6.563	93	376557	40.936	ng		98
8) 2-Chlorophenol	6.681	128	251071	40.028	ng		96
9) Benzaldehyde	6.451	77	172211	43.123	ng		94
10) Phenol	6.540	94	344398	40.095	ng		91
11) bis(2-Chloroethyl)ether	6.634	93	252879	39.310	ng		96
12) 1,3-Dichlorobenzene	6.834	146	284026m	40.231	ng		
13) 1,4-Dichlorobenzene	6.910	146	284242	39.845	ng		97
14) 1,2-Dichlorobenzene	7.069	146	267299	39.762	ng		98
15) Benzyl Alcohol	7.040	79	264343	41.067	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	378747	39.704	ng		99
17) 2-Methylphenol	7.145	107	212664	39.964	ng		97
18) Hexachloroethane	7.404	117	110043	40.831	ng		96
19) n-Nitroso-di-n-propyla...	7.310	70	196626	39.199	ng		96
20) 3+4-Methylphenols	7.304	107	263898	40.052	ng	#	85
22) Acetophenone	7.310	105	358194	40.280	ng		95
24) Nitrobenzene	7.481	77	307255	41.946	ng		96
25) Isophorone	7.722	82	507499	40.787	ng		99
26) 2-Nitrophenol	7.798	139	136097	42.313	ng		93
27) 2,4-Dimethylphenol	7.828	122	203201	40.987	ng		96
28) bis(2-Chloroethoxy)met...	7.928	93	325374	41.369	ng		99
29) 2,4-Dichlorophenol	8.039	162	216516	41.541	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	247559	41.443	ng		97
31) Naphthalene	8.204	128	714920	40.535	ng		99
32) Benzoic acid	7.969	122	152306m	41.080	ng		
33) 4-Chloroaniline	8.251	127	280455	40.056	ng		96
34) Hexachlorobutadiene	8.310	225	166110	41.412	ng		98
35) Caprolactam	8.639	113	65987	38.785	ng		99
36) 4-Chloro-3-methylphenol	8.734	107	236480	40.607	ng		96
37) 2-Methylnaphthalene	8.892	142	476058	40.035	ng		100
38) 1-Methylnaphthalene	8.992	142	458164	40.117	ng		100
40) 1,2,4,5-Tetrachloroben...	9.057	216	246605	40.553	ng		98
41) Hexachlorocyclopentadiene	9.039	237	94909	37.087	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	160034	40.849	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	169670	40.617	ng		96
46) 1,1'-Biphenyl	9.357	154	600642	40.022	ng		99
47) 2-Chloronaphthalene	9.386	162	442901	39.817	ng		98
48) 2-Nitroaniline	9.486	65	162174	40.665	ng		99
49) Acenaphthylene	9.804	152	665586	39.561	ng		99
50) Dimethylphthalate	9.657	163	524828	39.451	ng		99
51) 2,6-Dinitrotoluene	9.728	165	118293	40.536	ng		99
52) Acenaphthene	9.975	154	460526m	39.479	ng		
53) 3-Nitroaniline	9.898	138	125591	39.697	ng		99
54) 2,4-Dinitrophenol	10.004	184	61549	38.125	ng	#	74
55) Dibenzofuran	10.145	168	645210	38.955	ng		98
56) 4-Nitrophenol	10.057	139	83705	37.865	ng		86
57) 2,4-Dinitrotoluene	10.133	165	153590	39.360	ng	#	84
58) Fluorene	10.486	166	500023	38.759	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	138593	38.822	ng		98
60) Diethylphthalate	10.357	149	522405	39.359	ng		100
61) 4-Chlorophenyl-phenyle...	10.475	204	252539	39.252	ng		94
62) 4-Nitroaniline	10.516	138	123048	38.366	ng		90
63) Azobenzene	10.639	77	574355	39.518	ng		98
65) 4,6-Dinitro-2-methylph...	10.545	198	97099	42.271	ng		97
66) n-Nitrosodiphenylamine	10.598	169	439153	41.055	ng		98
67) 4-Bromophenyl-phenylether	10.969	248	162266	41.093	ng		96
68) Hexachlorobenzene	11.033	284	177615	41.120	ng		98
69) Atrazine	11.127	200	142669	39.539	ng		97
70) Pentachlorophenol	11.233	266	85643	40.854	ng		97
71) Phenanthrene	11.457	178	725075	39.674	ng		99
72) Anthracene	11.510	178	728708	39.936	ng		100
73) Carbazole	11.663	167	686421	39.561	ng		99
74) Di-n-butylphthalate	11.980	149	794931	39.796	ng		99
75) Fluoranthene	12.645	202	762816	38.499	ng		98
77) Benzidine	12.769	184	235678	43.137	ng		99
78) Pyrene	12.880	202	778056	42.538	ng		99
80) Butylbenzylphthalate	13.486	149	323017	42.479	ng		96
81) Benzo(a)anthracene	14.068	228	655550	40.686	ng		100
82) 3,3'-Dichlorobenzidine	14.027	252	143527	39.699	ng		98
83) Chrysene	14.104	228	612998	39.873	ng		100
84) Bis(2-ethylhexyl)phtha...	14.039	149	417996	40.683	ng		100
85) Di-n-octyl phthalate	14.657	149	645933	39.357	ng		99
87) Indeno(1,2,3-cd)pyrene	17.098	276	496689	41.702	ng		96
88) Benzo(b)fluoranthene	15.133	252	495552	40.602	ng		98
89) Benzo(k)fluoranthene	15.163	252	488252	40.525	ng		99
90) Benzo(a)pyrene	15.510	252	399533	40.547	ng	#	98
91) Dibenzo(a,h)anthracene	17.115	278	406366	42.143	ng		97
92) Benzo(g,h,i)perylene	17.562	276	413278	42.330	ng		98

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

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