Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
Data File : BF104666.D
Acq On : 20 Apr 2018 11:19
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/23/2018 2:18:03 PM

Quant Time: Apr 20 14:53:18 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 20 14:49:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	132490	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	546595	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	249353	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	453535	20.00	ng		0.00
75) Chrysene-d12	13.98	240	332290	20.00	ng		0.00
86) Perylene-d12	15.43	264	275992	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	656373	75.75	ng		0.00
7) Phenol-d6	6.45	99	810896	76.17	ng		0.00
23) Nitrobenzene-d5	7.37	82	737038	88.05	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	214797	83.04	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1239236	78.51	ng		0.00
78) Terphenyl-d14	12.92	244	1171596	80.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	161087	39.898	ng	#	88
3) Pyridine	3.25	79	438888	38.663	ng		88
4) n-Nitrosodimethylamine	3.22	42	143070	36.055	ng	#	76
6) Aniline	6.47	93	553381	37.413	ng		98
8) 2-Chlorophenol	6.59	128	361059	39.480	ng		94
9) Benzaldehyde	6.36	77	200776	36.100	ng		96
10) Phenol	6.46	94	449872	39.826	ng		87
11) bis(2-Chloroethyl)ether	6.55	93	350505	38.883	ng		92
12) 1,3-Dichlorobenzene	6.75	146	408816	39.458	ng		99
13) 1,4-Dichlorobenzene	6.82	146	411938	39.886	ng		100
14) 1,2-Dichlorobenzene	6.97	146	385196	40.247	ng		100
15) Benzyl Alcohol	6.95	79	300662	37.183	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	452257	37.359	ng		89
17) 2-Methylphenol	7.06	107	313115	39.387	ng		97
18) Hexachloroethane	7.32	117	152271	41.352	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	241585	34.726	ng		94
20) 3+4-Methylphenols	7.22	107	366848	37.207	ng	#	67
22) Acetophenone	7.22	105	501011	37.231	ng		95
24) Nitrobenzene	7.39	77	391567	42.369	ng		98
25) Isophorone	7.63	82	664884	37.562	ng		98
26) 2-Nitrophenol	7.70	139	204361	54.317	ng		98
27) 2,4-Dimethylphenol	7.75	122	285175	36.504	ng		98
28) bis(2-Chloroethoxy)methane	7.84	93	419599	38.770	ng		98
29) 2,4-Dichlorophenol	7.95	162	297146	39.865	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	327242	40.003	ng		100
31) Naphthalene	8.11	128	1061124	38.987	ng		99
32) Benzoic acid	7.88	122	253998m	40.749	ng		
33) 4-Chloroaniline	8.16	127	462258	39.643	ng		98
34) Hexachlorobutadiene	8.22	225	179765	40.120	ng		100
35) Caprolactam	8.55	113	103979m	39.987	ng		
36) 4-Chloro-3-methylphenol	8.65	107	320434	40.092	ng		99
37) 2-Methylnaphthalene	8.80	142	682188	38.748	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	296095	41.482	ng		99
40) Hexachlorocyclopentadiene	8.95	237	131367	32.874	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	203937	41.158	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	235365	42.447	ng		96
45) 1,1'-Biphenyl	9.27	154	832213	39.729	ng		99
46) 2-Chloronaphthalene	9.29	162	664887	40.185	ng		99
47) 2-Nitroaniline	9.39	65	204755	50.041	ng		97
48) Acenaphthylene	9.71	152	1014241	39.070	ng		99
49) Dimethylphthalate	9.57	163	784272	39.885	ng		100
50) 2,6-Dinitrotoluene	9.63	165	173870	47.786	ng		96
51) Acenaphthene	9.88	154	582626	36.784	ng		99
52) 3-Nitroaniline	9.80	138	204807	48.081	ng		97
53) 2,4-Dinitrophenol	9.91	184	71241	55.773	ng	#	24
54) Dibenzofuran	10.05	168	837471	37.941	ng		98
55) 4-Nitrophenol	9.97	139	141059	42.157	ng		97
56) 2,4-Dinitrotoluene	10.04	165	221047	46.315	ng		95
57) Fluorene	10.39	166	669558	41.674	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	164055	39.658	ng		96
59) Diethylphthalate	10.27	149	749286	38.261	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	300803	42.040	ng		96
61) 4-Nitroaniline	10.42	138	204436	49.085	ng		96
62) Azobenzene	10.55	77	703796	37.617	ng		96
64) 4,6-Dinitro-2-methylphenol	10.45	198	119749	53.263	ng	#	75
65) n-Nitrosodiphenylamine	10.51	169	611353	38.877	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	191352	39.665	ng		95
67) Hexachlorobenzene	10.94	284	218549	40.262	ng		95
68) Atrazine	11.03	200	185370	39.053	ng		99
69) Pentachlorophenol	11.14	266	123926	36.903	ng		98
70) Phenanthrene	11.36	178	969530	38.386	ng		99
71) Anthracene	11.41	178	991945	38.636	ng		99
72) Carbazole	11.57	167	947138	37.752	ng		99
73) Di-n-butylphthalate	11.89	149	1135167	37.041	ng		99
74) Fluoranthene	12.55	202	976820	37.017	ng		100
76) Benzidine	12.67	184	480803	43.838	ng		99
77) Pyrene	12.78	202	1004687	40.790	ng		100
79) Butylbenzylphthalate	13.39	149	462864	39.889	ng		98
80) Benzo(a)anthracene	13.97	228	814661	41.038	ng		100
81) 3,3'-Dichlorobenzidine	13.93	252	288148	38.930	ng		97
82) Chrysene	14.01	228	785380	38.517	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	604515	40.503	ng		100
84) Di-n-octyl phthalate	14.57	149	880578	35.309	ng		97
85) Indeno(1,2,3-cd)pyrene	16.89	276	656436	37.898	ng		98
87) Benzo(b)fluoranthene	15.02	252	687158	39.421	ng		97
88) Benzo(k)fluoranthene	15.04	252	678774	41.246	ng		99
89) Benzo(a)pyrene	15.38	252	629931	40.389	ng		99
90) Dibenzo(a,h)anthracene	16.91	278	536124	41.854	ng		98
91) Benzo(g,h,i)perylene	17.33	276	532250	42.888	ng		96

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

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