Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
Data File : BF105172.D
Acq On : 9 May 2018 4:17
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
5/9/2018 6:51:19 PM

Quant Time: May 09 11:58:59 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 08 16:33:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	215608	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	862008	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	423430	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	827088	20.00	ng		0.00
75) Chrysene-d12	13.99	240	646484	20.00	ng		-0.02
86) Perylene-d12	15.50	264	579747	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	955421	73.00	ng		0.00
7) Phenol-d6	6.42	99	1163990	74.69	ng		0.00
23) Nitrobenzene-d5	7.36	82	1014187	79.74	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	365324	78.20	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1874980	68.73	ng		0.00
78) Terphenyl-d14	12.90	244	1858927	66.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	239676	34.637	ng		90
3) Pyridine	3.24	79	662095	35.679	ng		87
4) n-Nitrosodimethylamine	3.20	42	331269	35.220	ng		85
6) Aniline	6.46	93	806343	35.430	ng		95
8) 2-Chlorophenol	6.57	128	512063	36.883	ng		95
9) Benzaldehyde	6.35	77	416829	34.898	ng		99
10) Phenol	6.43	94	630826	36.375	ng		95
11) bis(2-Chloroethyl)ether	6.53	93	490471	34.316	ng		93
12) 1,3-Dichlorobenzene	6.73	146	587028	35.079	ng		99
13) 1,4-Dichlorobenzene	6.81	146	587619	35.116	ng		99
14) 1,2-Dichlorobenzene	6.96	146	543103	35.185	ng		100
15) Benzyl Alcohol	6.93	79	453992	38.065	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	906841	34.141	ng		98
17) 2-Methylphenol	7.04	107	436794	36.439	ng		98
18) Hexachloroethane	7.30	117	201973	37.509	ng		98
19) n-Nitroso-di-n-propylamine	7.21	70	371129	35.970	ng		91
20) 3+4-Methylphenols	7.20	107	515991	36.630	ng	#	82
22) Acetophenone	7.20	105	685460	34.114	ng	#	90
24) Nitrobenzene	7.38	77	556161	38.565	ng		99
25) Isophorone	7.62	82	998289	35.096	ng		98
26) 2-Nitrophenol	7.69	139	258678	45.489	ng		98
27) 2,4-Dimethylphenol	7.73	122	475327	37.603	ng		100
28) bis(2-Chloroethoxy)methane	7.83	93	613285	34.936	ng		99
29) 2,4-Dichlorophenol	7.93	162	436889	36.944	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	484155	35.499	ng		99
31) Naphthalene	8.10	128	1453721	35.025	ng		99
32) Benzoic acid	7.84	122	316649	44.131	ng		95
33) 4-Chloroaniline	8.15	127	618622	35.843	ng		98
34) Hexachlorobutadiene	8.22	225	277124	35.074	ng		98
35) Caprolactam	8.52	113	136567m	38.025	ng		
36) 4-Chloro-3-methylphenol	8.62	107	453459	36.830	ng		96
37) 2-Methylnaphthalene	8.79	142	1011138	34.951	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	479948	35.620	ng		98
40) Hexachlorocyclopentadiene	8.94	237	308099	42.287	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	310968	37.827	ng		94
43) 2,4,5-Trichlorophenol	9.10	196	333333	38.805	ng		91
45) 1,1'-Biphenyl	9.25	154	1206793	34.980	ng		99
46) 2-Chloronaphthalene	9.27	162	909842	35.286	ng		99
47) 2-Nitroaniline	9.37	65	301305	41.468	ng		86
48) Acenaphthylene	9.69	152	1418518	35.620	ng		98
49) Dimethylphthalate	9.56	163	1036933	36.174	ng		98
50) 2,6-Dinitrotoluene	9.62	165	249924	40.181	ng		97
51) Acenaphthene	9.86	154	927533	36.139	ng		99
52) 3-Nitroaniline	9.79	138	265821	40.574	ng		99
53) 2,4-Dinitrophenol	9.88	184	118331	54.340	ng	#	21
54) Dibenzofuran	10.03	168	1315109	35.030	ng		100
55) 4-Nitrophenol	9.93	139	219561	39.536	ng		98
56) 2,4-Dinitrotoluene	10.02	165	330094	40.523	ng		96
57) Fluorene	10.38	166	939642	34.128	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.15	232	289352	37.738	ng		89
59) Diethylphthalate	10.26	149	1051936	37.340	ng		95
60) 4-Chlorophenyl-phenylether	10.37	204	456282	35.600	ng		93
61) 4-Nitroaniline	10.40	138	267883	41.091	ng		98
62) Azobenzene	10.53	77	1025928	34.910	ng		94
64) 4,6-Dinitro-2-methylphenol	10.42	198	159804	50.195	ng		87
65) n-Nitrosodiphenylamine	10.49	169	901053	34.949	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	311346	35.296	ng	#	86
67) Hexachlorobenzene	10.92	284	358353	35.257	ng	#	86
68) Atrazine	11.02	200	290846	35.993	ng		95
69) Pentachlorophenol	11.11	266	222692	38.840	ng		99
70) Phenanthrene	11.34	178	1482323	33.994	ng		99
71) Anthracene	11.39	178	1521652	34.344	ng		99
72) Carbazole	11.55	167	1393930	34.914	ng		98
73) Di-n-butylphthalate	11.88	149	1571472	36.801	ng		99
74) Fluoranthene	12.53	202	1592549	35.050	ng		97
76) Benzidine	12.65	184	830575	34.405	ng		95
77) Pyrene	12.76	202	1624221	34.542	ng		99
79) Butylbenzylphthalate	13.39	149	642755	39.285	ng	#	95
80) Benzo(a)anthracene	13.98	228	1334238	34.030	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	538064	36.504	ng	#	96
82) Chrysene	14.02	228	1364173	33.785	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	763765	39.286	ng		98
84) Di-n-octyl phthalate	14.64	149	1380247	38.254	ng		97
85) Indeno(1,2,3-cd)pyrene	16.94	276	1107851	34.623	ng		94
87) Benzo(b)fluoranthene	15.09	252	1305780	36.816	ng	#	97
88) Benzo(k)fluoranthene	15.12	252	1211609	35.229	ng	#	96
89) Benzo(a)pyrene	15.44	252	1190867	36.917	ng		97
90) Dibenzo(a,h)anthracene	16.97	278	917115	36.605	ng	#	96
91) Benzo(g,h,i)perylene	17.38	276	915393	37.346	ng		93

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

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