Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
Data File : BF104857.D
Acq On : 27 Apr 2018 2:57
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/27/2018 6:59:08 PM

Quant Time: Apr 27 12:54:42 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	129540	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	543192	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	241647	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	390732	20.00	ng		0.00
75) Chrysene-d12	13.99	240	276176	20.00	ng		0.00
86) Perylene-d12	15.46	264	246001	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	614114	72.49	ng		0.00
7) Phenol-d6	6.45	99	761859	73.19	ng		0.00
23) Nitrobenzene-d5	7.37	82	694486	83.49	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	177892	70.97	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1173969	76.75	ng		0.00
78) Terphenyl-d14	12.92	244	904047	74.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	133602	33.844	ng	#	86
3) Pyridine	3.20	79	380415	34.275	ng		86
4) n-Nitrosodimethylamine	3.18	42	127528	32.870	ng	#	82
6) Aniline	6.47	93	504031	34.853	ng		98
8) 2-Chlorophenol	6.59	128	343506	38.416	ng		91
9) Benzaldehyde	6.35	77	192330	35.069	ng		98
10) Phenol	6.46	94	415633	37.632	ng	#	66
11) bis(2-Chloroethyl)ether	6.54	93	325943	36.982	ng		94
12) 1,3-Dichlorobenzene	6.74	146	384701	37.976	ng		98
13) 1,4-Dichlorobenzene	6.82	146	385568	38.183	ng		98
14) 1,2-Dichlorobenzene	6.97	146	359872	38.457	ng		98
15) Benzyl Alcohol	6.95	79	279036	35.294	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	371852	31.416	ng		80
17) 2-Methylphenol	7.06	107	295335	37.996	ng		94
18) Hexachloroethane	7.31	117	99802	27.720	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	221333	32.539	ng		93
20) 3+4-Methylphenols	7.22	107	356598	36.992	ng	#	72
22) Acetophenone	7.22	105	478240	35.761	ng		97
24) Nitrobenzene	7.39	77	366740	39.931	ng		98
25) Isophorone	7.63	82	606815	34.496	ng		99
26) 2-Nitrophenol	7.70	139	171842	45.960	ng		96
27) 2,4-Dimethylphenol	7.75	122	265981	34.261	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	376717	35.026	ng		97
29) 2,4-Dichlorophenol	7.95	162	279452	37.726	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	308069	37.896	ng		98
31) Naphthalene	8.11	128	997659	36.885	ng		99
32) Benzoic acid	7.89	122	198522m	32.049	ng		
33) 4-Chloroaniline	8.16	127	434804	37.522	ng		97
34) Hexachlorobutadiene	8.22	225	168531	37.848	ng		100
35) Caprolactam	8.55	113	96628	37.393	ng	#	75
36) 4-Chloro-3-methylphenol	8.65	107	300590	37.844	ng		99
37) 2-Methylnaphthalene	8.80	142	642472	36.721	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	280384	40.534	ng		98
40) Hexachlorocyclopentadiene	8.95	237	13024	3.363	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	185805	38.694	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	212762	39.595	ng		95
45) 1,1'-Biphenyl	9.27	154	776711	38.262	ng		98
46) 2-Chloronaphthalene	9.29	162	614884	38.348	ng		99
47) 2-Nitroaniline	9.40	65	191345	48.255	ng		89
48) Acenaphthylene	9.71	152	903925	35.931	ng		100
49) Dimethylphthalate	9.56	163	739558	38.810	ng		99
50) 2,6-Dinitrotoluene	9.64	165	154319	43.765	ng	#	86
51) Acenaphthene	9.88	154	530849	34.584	ng		100
52) 3-Nitroaniline	9.81	138	191322	46.348	ng		99
53) 2,4-Dinitrophenol	9.92	184	16041	20.051	ng	#	22
54) Dibenzofuran	10.05	168	737778	34.490	ng		97
55) 4-Nitrophenol	9.98	139	107396	33.120	ng		94
56) 2,4-Dinitrotoluene	10.05	165	180316	38.986	ng		94
57) Fluorene	10.40	166	603011	38.729	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	138566	34.565	ng		95
59) Diethylphthalate	10.26	149	685181	36.104	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	282993	40.812	ng		93
61) 4-Nitroaniline	10.43	138	188622	46.733	ng		94
62) Azobenzene	10.55	77	593520	32.734	ng		95
64) 4,6-Dinitro-2-methylphenol	10.46	198	36664	23.665	ng	#	73
65) n-Nitrosodiphenylamine	10.50	169	538399	39.741	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	167575	40.320	ng		93
67) Hexachlorobenzene	10.95	284	184285	39.406	ng	#	90
68) Atrazine	11.03	200	148442	36.300	ng		100
69) Pentachlorophenol	11.15	266	83771	28.955	ng		98
70) Phenanthrene	11.36	178	790932	36.349	ng		99
71) Anthracene	11.42	178	801636	36.242	ng		99
72) Carbazole	11.57	167	762786	35.291	ng		99
73) Di-n-butylphthalate	11.89	149	978810	37.072	ng		99
74) Fluoranthene	12.55	202	743575	32.707	ng		99
76) Benzidine	12.68	184	404448	44.600	ng		98
77) Pyrene	12.78	202	755935	36.927	ng		99
79) Butylbenzylphthalate	13.39	149	351552	36.452	ng		100
80) Benzo(a)anthracene	13.97	228	656531	39.792	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	248272	40.358	ng	#	97
82) Chrysene	14.02	228	630344	37.195	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	471088	37.976	ng		99
84) Di-n-octyl phthalate	14.57	149	741128	35.756	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.93	276	521522	36.226	ng		96
87) Benzo(b)fluoranthene	15.03	252	589943	37.970	ng		100
88) Benzo(k)fluoranthene	15.06	252	589471	40.187	ng		99
89) Benzo(a)pyrene	15.40	252	536272	38.576	ng		99
90) Dibenzo(a,h)anthracene	16.94	278	441948	38.708	ng		96
91) Benzo(g,h,i)perylene	17.37	276	418722	37.853	ng		94

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

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