Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041818\
Data File : BF104588.D
Acq On : 18 Apr 2018 9:15
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/19/2018 12:42:45 PM

Quant Time: Apr 18 11:56:59 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 18 11:52:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	129107	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	543110	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	254088	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	463514	20.00	ng		0.00
75) Chrysene-d12	13.98	240	351777	20.00	ng		0.00
86) Perylene-d12	15.44	264	297873	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	663709	78.61	ng		0.00
7) Phenol-d6	6.44	99	815459	78.60	ng		0.00
23) Nitrobenzene-d5	7.37	82	741283	89.12	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	218528	82.91	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1248478	77.62	ng		0.00
78) Terphenyl-d14	12.92	244	1212516	78.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	162016	41.180	ng	#	89
3) Pyridine	3.25	79	441625	39.924	ng		87
4) n-Nitrosodimethylamine	3.22	42	143479	37.106	ng		79
6) Aniline	6.47	93	556547	38.613	ng		98
8) 2-Chlorophenol	6.59	128	364025	40.847	ng		94
9) Benzaldehyde	6.36	77	202119	37.829	ng		95
10) Phenol	6.46	94	457409	41.554	ng		90
11) bis(2-Chloroethyl)ether	6.55	93	348798	39.708	ng		94
12) 1,3-Dichlorobenzene	6.75	146	412195	40.827	ng		97
13) 1,4-Dichlorobenzene	6.82	146	409900	40.728	ng		98
14) 1,2-Dichlorobenzene	6.97	146	381235	40.877	ng		98
15) Benzyl Alcohol	6.95	79	307271	38.996	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	465316	39.444	ng		92
17) 2-Methylphenol	7.06	107	318643	41.132	ng		97
18) Hexachloroethane	7.32	117	151664	42.266	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	239639	35.349	ng		94
20) 3+4-Methylphenols	7.22	107	365317	38.023	ng	#	71
22) Acetophenone	7.22	105	496642	37.143	ng	#	98
24) Nitrobenzene	7.39	77	391721	42.657	ng		98
25) Isophorone	7.63	82	669846	38.085	ng		99
26) 2-Nitrophenol	7.70	139	202857	54.263	ng		97
27) 2,4-Dimethylphenol	7.75	122	290894	37.475	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	417969	38.868	ng		99
29) 2,4-Dichlorophenol	7.95	162	301372	40.691	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	323517	39.802	ng		99
31) Naphthalene	8.12	128	1065289	39.391	ng		100
32) Benzoic acid	7.87	122	249798	40.333	ng		98
33) 4-Chloroaniline	8.16	127	468257	40.415	ng		97
34) Hexachlorobutadiene	8.22	225	178734	40.146	ng		100
35) Caprolactam	8.55	113	104241m	40.345	ng		
36) 4-Chloro-3-methylphenol	8.65	107	318573	40.115	ng		99
37) 2-Methylnaphthalene	8.80	142	684795	39.146	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	300530	41.319	ng		99
40) Hexachlorocyclopentadiene	8.95	237	150527	36.967	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	207099	41.017	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	236285	41.819	ng		98
45) 1,1'-Biphenyl	9.27	154	830509	38.909	ng		99
46) 2-Chloronaphthalene	9.29	162	668606	39.656	ng		99
47) 2-Nitroaniline	9.39	65	206517	49.531	ng		97
48) Acenaphthylene	9.71	152	1025263	38.758	ng		100
49) Dimethylphthalate	9.57	163	794745	39.664	ng		100
50) 2,6-Dinitrotoluene	9.63	165	177762	47.945	ng		98
51) Acenaphthene	9.88	154	598977	37.112	ng		99
52) 3-Nitroaniline	9.80	138	206528	47.582	ng		99
53) 2,4-Dinitrophenol	9.91	184	76641	57.924	ng	#	21
54) Dibenzofuran	10.05	168	866705	38.533	ng		98
55) 4-Nitrophenol	9.97	139	149443	43.830	ng		88
56) 2,4-Dinitrotoluene	10.04	165	228806	47.048	ng		92
57) Fluorene	10.40	166	669407	40.888	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	169252	40.152	ng		96
59) Diethylphthalate	10.27	149	761364	38.153	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	303306	41.600	ng		100
61) 4-Nitroaniline	10.42	138	206686	48.701	ng		98
62) Azobenzene	10.55	77	710577	37.271	ng		96
64) 4,6-Dinitro-2-methylphenol	10.45	198	124166	53.932	ng	#	73
65) n-Nitrosodiphenylamine	10.51	169	616872	38.384	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	198208	40.202	ng	#	87
67) Hexachlorobenzene	10.95	284	223834	40.348	ng	#	86
68) Atrazine	11.03	200	193386	39.865	ng		99
69) Pentachlorophenol	11.14	266	130825	38.119	ng		96
70) Phenanthrene	11.36	178	993842	38.502	ng		99
71) Anthracene	11.41	178	1002446	38.204	ng		99
72) Carbazole	11.57	167	980349	38.235	ng		100
73) Di-n-butylphthalate	11.89	149	1181038	37.708	ng		100
74) Fluoranthene	12.55	202	1018372	37.760	ng		98
76) Benzidine	12.67	184	489691	41.502	ng		98
77) Pyrene	12.78	202	1050342	40.282	ng		100
79) Butylbenzylphthalate	13.40	149	490766	39.951	ng		94
80) Benzo(a)anthracene	13.97	228	877139	41.738	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	305832	39.031	ng		98
82) Chrysene	14.01	228	836979	38.774	ng		100
83) Bis(2-ethylhexyl)phthalate	13.95	149	659073	41.712	ng		98
84) Di-n-octyl phthalate	14.57	149	984701	37.297	ng		96
85) Indeno(1,2,3-cd)pyrene	16.90	276	706045	38.504	ng		97
87) Benzo(b)fluoranthene	15.02	252	764136	40.617	ng		100
88) Benzo(k)fluoranthene	15.05	252	711942	40.084	ng		99
89) Benzo(a)pyrene	15.39	252	673865	40.032	ng		99
90) Dibenzo(a,h)anthracene	16.92	278	583001	42.170	ng		97
91) Benzo(g,h,i)perylene	17.34	276	567813	42.393	ng		95

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

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