Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
Data File : BF101786.D
Acq On : 28 Dec 2017 3:04
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/28/2017 2:03:22 PM

Quant Time: Dec 28 06:37:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	121106	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	461413	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	187564	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	293897	20.00	ng		0.00
75) Chrysene-d12	13.97	240	243538	20.00	ng		0.00
86) Perylene-d12	15.45	264	216220	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	691000	84.99	ng		0.00
7) Phenol-d6	6.44	99	747955	73.92	ng		0.00
23) Nitrobenzene-d5	7.36	82	653354	78.82	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	137491	76.07	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1066470	88.20	ng		0.00
78) Terphenyl-d14	12.90	244	744942	73.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	159183	38.104	ng		99
3) Pyridine	3.25	79	418953	36.095	ng		97
4) n-Nitrosodimethylamine	3.20	42	180966	33.862	ng		99
6) Aniline	6.46	93	501900	35.694	ng	#	82
8) 2-Chlorophenol	6.58	128	335327	39.208	ng		96
9) Benzaldehyde	6.35	77	258695	34.619	ng		99
10) Phenol	6.45	94	418617	36.299	ng		74
11) bis(2-Chloroethyl)ether	6.53	93	333981	36.920	ng		93
12) 1,3-Dichlorobenzene	6.73	146	380337	39.403	ng		98
13) 1,4-Dichlorobenzene	6.81	146	391150	39.683	ng		98
14) 1,2-Dichlorobenzene	6.96	146	346939	39.103	ng		97
15) Benzyl Alcohol	6.95	79	250142	35.917	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	502997	36.332	ng	#	41
17) 2-Methylphenol	7.06	107	280548	35.661	ng	#	87
18) Hexachloroethane	7.29	117	100356	29.284	ng		97
19) n-Nitroso-di-n-propylamine	7.21	70	246415	37.083	ng		97
20) 3+4-Methylphenols	7.22	107	367641	44.100	ng	#	69
22) Acetophenone	7.21	105	448261	42.577	ng	#	95
24) Nitrobenzene	7.39	77	360212	39.265	ng		99
25) Isophorone	7.62	82	606729	36.488	ng		98
26) 2-Nitrophenol	7.70	139	159184	40.389	ng		96
27) 2,4-Dimethylphenol	7.74	122	262991	39.278	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	407593	38.588	ng		99
29) 2,4-Dichlorophenol	7.95	162	266260	40.251	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	272812	39.080	ng		96
31) Naphthalene	8.10	128	896756	38.605	ng		100
32) Benzoic acid	7.89	122	137887m	33.455	ng		
33) 4-Chloroaniline	8.16	127	385527	38.185	ng		100
34) Hexachlorobutadiene	8.20	225	165153	40.905	ng		97
35) Caprolactam	8.54	113	79885	34.779	ng		90
36) 4-Chloro-3-methylphenol	8.65	107	272436	37.471	ng		96
37) 2-Methylnaphthalene	8.79	142	571372	37.754	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	273582	43.202	ng	#	97
42) 2,4,6-Trichlorophenol	9.08	196	169725	44.519	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	158778	38.036	ng		96
45) 1,1'-Biphenyl	9.25	154	695804	41.830	ng		98
46) 2-Chloronaphthalene	9.28	162	516795	40.604	ng		97
47) 2-Nitroaniline	9.39	65	186327	42.378	ng		97
48) Acenaphthylene	9.69	152	776863	38.644	ng		99
49) Dimethylphthalate	9.55	163	620376	41.120	ng		100
50) 2,6-Dinitrotoluene	9.63	165	114090	37.207	ng	#	86
51) Acenaphthene	9.86	154	471800	39.063	ng		100
52) 3-Nitroaniline	9.80	138	158416	41.438	ng		96
54) Dibenzofuran	10.04	168	659277	42.953	ng		98
55) 4-Nitrophenol	10.01	139	47372m	28.418	ng		
56) 2,4-Dinitrotoluene	10.05	165	144600	41.856	ng	#	91
57) Fluorene	10.38	166	511949	39.428	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	117787	39.274	ng	#	86
59) Diethylphthalate	10.25	149	596852	39.949	ng		97
60) 4-Chlorophenyl-phenylether	10.36	204	264783	42.550	ng		95
61) 4-Nitroaniline	10.43	138	138670	36.087	ng		90
62) Azobenzene	10.53	77	531518	34.343	ng		96
64) 4,6-Dinitro-2-methylphenol	10.48	198	3708	2.472	ng	#	1
65) n-Nitrosodiphenylamine	10.49	169	489929	45.146	ng		95
66) 4-Bromophenyl-phenylether	10.86	248	150213	45.487	ng	#	88
67) Hexachlorobenzene	10.93	284	148053	42.361	ng	#	91
68) Atrazine	11.02	200	126540	39.106	ng		97
69) Pentachlorophenol	11.14	266	46545	37.996	ng		97
70) Phenanthrene	11.34	178	642613	39.318	ng		99
71) Anthracene	11.40	178	664694	39.814	ng		99
72) Carbazole	11.56	167	589785	37.732	ng		99
73) Di-n-butylphthalate	11.87	149	834365	43.980	ng		99
74) Fluoranthene	12.54	202	634714	36.998	ng		99
76) Benzidine	12.67	184	457851	44.513	ng		98
77) Pyrene	12.77	202	658729	36.040	ng		100
79) Butylbenzylphthalate	13.37	149	302990	36.637	ng		98
80) Benzo(a)anthracene	13.96	228	605759	37.669	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	219558	41.872	ng		98
82) Chrysene	14.00	228	580486	38.231	ng		98
83) Bis(2-ethylhexyl)phthalate	13.92	149	391867	37.409	ng		100
84) Di-n-octyl phthalate	14.53	149	740173	39.621	ng		99
85) Indeno(1,2,3-cd)pyrene	16.93	276	434819	32.159	ng		97
87) Benzo(b)fluoranthene	15.02	252	551465	41.844	ng		98
88) Benzo(k)fluoranthene	15.04	252	501658	39.150	ng		98
89) Benzo(a)pyrene	15.39	252	468245	38.541	ng		99
90) Dibenzo(a,h)anthracene	16.93	278	372442	35.705	ng		96
91) Benzo(g,h,i)perylene	17.39	276	345551	33.454	ng		97

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

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