Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087785.D
Acq On : 7 Jun 2016 12:26
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
6/7/2016 7:23:41 PM

Quant Time: Jun 07 14:57:10 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	130316	20.00	ng		-0.02
21) Naphthalene-d8	8.14	136	516246	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	258460	20.00	ng		-0.02
63) Phenanthrene-d10	11.36	188	453232	20.00	ng		-0.02
75) Chrysene-d12	13.99	240	343578	20.00	ng		-0.03
86) Perylene-d12	15.41	264	282293	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	614560	76.22	ng		-0.01
7) Phenol-d6	6.48	99	699896	69.22	ng		-0.01
23) Nitrobenzene-d5	7.42	82	696118	78.02	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	218703	84.30	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	1259183	70.98	ng		-0.02
78) Terphenyl-d14	12.95	244	1192178	84.67	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	142267	36.51	ng	#	34
3) Pyridine	3.14	79	377306	36.65	ng		96
4) n-Nitrosodimethylamine	3.08	42	144865	33.31	ng		93
6) Aniline	6.50	93	501069	34.96	ng	#	76
8) 2-Chlorophenol	6.63	128	326382	35.18	ng		95
9) Benzaldehyde	6.39	77	215659	31.55	ng		91
10) Phenol	6.49	94	362744	31.51	ng		74
11) bis(2-Chloroethyl)ether	6.58	93	289668	34.63	ng		94
12) 1,3-Dichlorobenzene	6.79	146	379402m	38.20	ng		
13) 1,4-Dichlorobenzene	6.87	146	365225	36.64	ng		95
14) 1,2-Dichlorobenzene	7.02	146	346185m	37.05	ng		
15) Benzyl Alcohol	6.99	79	285088	38.16	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	413762	33.91	ng		93
17) 2-Methylphenol	7.11	107	290265	38.97	ng		97
18) Hexachloroethane	7.36	117	134016	38.45	ng		91
19) n-Nitroso-di-n-propylamine	7.27	70	207294	32.83	ng		94
20) 3+4-Methylphenols	7.26	107	325126	35.62	ng	#	80
22) Acetophenone	7.26	105	444847	38.04	ng	#	85
24) Nitrobenzene	7.43	77	316503	35.44	ng	#	86
25) Isophorone	7.68	82	655062	40.33	ng		96
26) 2-Nitrophenol	7.75	139	195613	47.14	ng	#	89
27) 2,4-Dimethylphenol	7.79	122	349651	40.66	ng		100
28) bis(2-Chloroethoxy)methane	7.88	93	392137	38.06	ng		98
29) 2,4-Dichlorophenol	7.99	162	276722	39.18	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	288473	39.01	ng		98
31) Naphthalene	8.15	128	956158	38.09	ng		100
32) Benzoic acid	7.91	122	174228	33.58	ng		97
33) 4-Chloroaniline	8.20	127	474195	43.49	ng	#	94
34) Hexachlorobutadiene	8.27	225	160144	41.65	ng		98
35) Caprolactam	8.58	113	96411	41.55	ng		97
36) 4-Chloro-3-methylphenol	8.68	107	279427	38.25	ng		99
37) 2-Methylnaphthalene	8.84	142	674210	40.68	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	258861	36.34	ng	#	1
40) Hexachlorocyclopentadiene	8.99	237	158600	37.85	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	202529	37.65	ng		98
43) 2,4,5-Trichlorophenol	9.16	196	205989	41.15	ng		96
45) 1,1'-Biphenyl	9.31	154	769643	36.69	ng		94
46) 2-Chloronaphthalene	9.34	162	627133	37.56	ng	#	90
47) 2-Nitroaniline	9.43	65	205732	43.76	ng	#	79
48) Acenaphthylene	9.75	152	1024261	39.33	ng		99
49) Dimethylphthalate	9.61	163	652486	34.73	ng		99
50) 2,6-Dinitrotoluene	9.67	165	148885	34.83	ng	#	66
51) Acenaphthene	9.92	154	634239	37.86	ng		99
52) 3-Nitroaniline	9.84	138	194728	39.82	ng		90
53) 2,4-Dinitrophenol	9.94	184	75092	40.71	ng	#	67
54) Dibenzofuran	10.09	168	917469	40.22	ng		95
55) 4-Nitrophenol	10.00	139	167143	39.99	ng	#	76
56) 2,4-Dinitrotoluene	10.07	165	195721	35.95	ng	#	67
57) Fluorene	10.43	166	638251	35.80	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	168402	39.05	ng	#	52
59) Diethylphthalate	10.31	149	709576	37.60	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	277675	38.01	ng		99
61) 4-Nitroaniline	10.44	138	186487	39.67	ng		95
62) Azobenzene	10.58	77	721598	37.99	ng		99
64) 4,6-Dinitro-2-methylphenol	10.48	198	119906	47.61	ng	#	63
65) n-Nitrosodiphenylamine	10.55	169	604981	40.75	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	203315	45.24	ng		95
67) Hexachlorobenzene	10.97	284	193888	38.58	ng		98
68) Atrazine	11.07	200	205702	46.78	ng		96
69) Pentachlorophenol	11.16	266	117457	39.33	ng		99
70) Phenanthrene	11.38	178	885309	36.03	ng		100
71) Anthracene	11.44	178	1006271	40.87	ng		100
72) Carbazole	11.59	167	822287	35.28	ng		100
73) Di-n-butylphthalate	11.93	149	1151026	46.06	ng	#	98
74) Fluoranthene	12.57	202	1040309	43.02	ng		95
76) Benzidine	12.69	184	57960	4.28	ng		98
77) Pyrene	12.80	202	1030256	42.11	ng		99
79) Butylbenzylphthalate	13.42	149	466494	44.80	ng		88
80) Benzo(a)anthracene	13.98	228	733658	37.00	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	207156	37.03	ng	#	97
82) Chrysene	14.01	228	709340	35.94	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	545316	44.01	ng	#	99
84) Di-n-octyl phthalate	14.58	149	919000	39.89	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.79	276	728075	44.63	ng	#	100
87) Benzo(b)fluoranthene	14.99	252	815824m	44.43	ng		
88) Benzo(k)fluoranthene	15.03	252	496694m	32.51	ng		
89) Benzo(a)pyrene	15.35	252	645526	41.82	ng	#	94
90) Dibenzo(a,h)anthracene	16.81	278	601982	45.83	ng	#	94
91) Benzo(g,h,i)perylene	17.21	276	625738	47.21	ng	#	93

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

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