Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084252.D
Acq On : 4 Jan 2016 21:20
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
1/5/2016 4:07:12 PM

Quant Time: Jan 05 13:17:41 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	264483	20.00	ng		-0.01
21) Naphthalene-d8	8.18	136	1069003	20.00	ng		-0.01
38) Acenaphthene-d10	9.94	164	502064	20.00	ng		-0.01
63) Phenanthrene-d10	11.41	188	802485	20.00	ng		-0.01
75) Chrysene-d12	14.05	240	517502	20.00	ng		-0.01
86) Perylene-d12	15.49	264	545450	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1398806	85.55	ng		0.01
7) Phenol-d6	6.53	99	1635960	79.66	ng		0.00
23) Nitrobenzene-d5	7.46	82	1438235	74.88	ng		-0.01
41) 2,4,6-Tribromophenol	10.73	330	387346	76.42	ng		-0.01
44) 2-Fluorobiphenyl	9.26	172	2448639	85.86	ng		0.00
78) Terphenyl-d14	13.00	244	1650091	71.17	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	319383	41.23	ng	#	78
3) Pyridine	3.25	79	841139	38.95	ng	#	74
4) n-Nitrosodimethylamine	3.20	42	441729	39.85	ng		81
6) Aniline	6.56	93	1101647	36.67	ng	#	93
8) 2-Chlorophenol	6.68	128	792357	42.71	ng		97
9) Benzaldehyde	6.44	77	512802	38.35	ng		94
10) Phenol	6.56	94	895080	38.33	ng	#	52
11) bis(2-Chloroethyl)ether	6.64	93	747667	41.34	ng		96
12) 1,3-Dichlorobenzene	6.83	146	758658	39.64	ng	#	93
13) 1,4-Dichlorobenzene	6.91	146	806487	42.02	ng		96
14) 1,2-Dichlorobenzene	7.07	146	697207m	37.94	ng		
15) Benzyl Alcohol	7.04	79	610202	35.32	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1202103	36.50	ng		84
17) 2-Methylphenol	7.16	107	636773	40.95	ng		95
18) Hexachloroethane	7.40	117	303085	39.49	ng	#	88
19) n-Nitroso-di-n-propylamine	7.31	70	485876	34.95	ng	#	67
20) 3+4-Methylphenols	7.31	107	664868	36.38	ng	#	56
22) Acetophenone	7.31	105	1065237	41.44	ng	#	88
24) Nitrobenzene	7.48	77	875346	44.93	ng		98
25) Isophorone	7.72	82	1436447	39.10	ng		99
26) 2-Nitrophenol	7.79	139	368750	41.59	ng	#	70
27) 2,4-Dimethylphenol	7.84	122	667158	37.17	ng		96
28) bis(2-Chloroethoxy)methane	7.93	93	863805	38.50	ng		99
29) 2,4-Dichlorophenol	8.04	162	621431	41.57	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	658109	42.64	ng		96
31) Naphthalene	8.20	128	1965832	40.53	ng		98
32) Benzoic acid	7.95	122	402628m	36.58	ng		
33) 4-Chloroaniline	8.26	127	888306	39.95	ng	#	89
34) Hexachlorobutadiene	8.32	225	347930	39.22	ng		96
35) Caprolactam	8.64	113	202827	40.25	ng	#	60
36) 4-Chloro-3-methylphenol	8.74	107	605078	36.13	ng		92
37) 2-Methylnaphthalene	8.90	142	1346157	38.66	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	610851	42.32	ng		99
40) Hexachlorocyclopentadiene	9.05	237	342631	39.32	ng		98

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Quant Time: Jan 05 13:17:41 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	396383	36.71	ng		97
43) 2,4,5-Trichlorophenol	9.22	196	422904	40.85	ng		97
45) 1,1'-Biphenyl	9.36	154	1510433	37.85	ng		99
46) 2-Chloronaphthalene	9.38	162	1141578	36.42	ng		98
47) 2-Nitroaniline	9.48	65	438495	42.39	ng		91
48) Acenaphthylene	9.80	152	1892493	40.87	ng		97
49) Dimethylphthalate	9.66	163	1477920	41.18	ng	#	90
50) 2,6-Dinitrotoluene	9.72	165	300096	38.12	ng	#	56
51) Acenaphthene	9.97	154	1295209	41.70	ng		98
52) 3-Nitroaniline	9.89	138	352856	36.17	ng		92
53) 2,4-Dinitrophenol	10.00	184	120438	37.87	ng	#	79
54) Dibenzofuran	10.14	168	1717281	42.52	ng		96
55) 4-Nitrophenol	10.05	139	219968	31.07	ng	#	73
56) 2,4-Dinitrotoluene	10.12	165	394452	39.59	ng		92
57) Fluorene	10.49	166	1239271	39.55	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	317134	35.88	ng		95
59) Diethylphthalate	10.36	149	1397226	39.48	ng		98
60) 4-Chlorophenyl-phenylether	10.48	204	568456	42.95	ng		95
61) 4-Nitroaniline	10.50	138	311771	35.85	ng		94
62) Azobenzene	10.64	77	1522362	39.22	ng		91
64) 4,6-Dinitro-2-methylphenol	10.53	198	173499	35.49	ng	#	68
65) n-Nitrosodiphenylamine	10.60	169	1102679	42.98	ng		98
66) 4-Bromophenyl-phenylether	10.97	248	394957	45.73	ng	#	91
67) Hexachlorobenzene	11.02	284	385578	39.66	ng	#	79
68) Atrazine	11.13	200	370822	44.16	ng		96
69) Pentachlorophenol	11.22	266	159630	31.67	ng		95
70) Phenanthrene	11.45	178	1823218	43.43	ng		97
71) Anthracene	11.49	178	1679750	40.82	ng		98
72) Carbazole	11.65	167	1496022	37.19	ng		99
73) Di-n-butylphthalate	11.99	149	1837967	42.33	ng	#	96
74) Fluoranthene	12.63	202	1449359	33.05	ng		98
76) Benzidine	12.75	184	483521	26.06	ng		99
77) Pyrene	12.85	202	1423850	35.06	ng		99
79) Butylbenzylphthalate	13.48	149	626123	35.63	ng		99
80) Benzo(a)anthracene	14.04	228	1122178	36.93	ng		98
81) 3,3'-Dichlorobenzidine	14.01	252	414618	39.10	ng	#	96
82) Chrysene	14.08	228	1006141	34.46	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	735622	33.13	ng	#	98
84) Di-n-octyl phthalate	14.65	149	1311120	34.98	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.91	276	1370420m	59.21	ng		
87) Benzo(b)fluoranthene	15.08	252	1306623	36.62	ng		99
88) Benzo(k)fluoranthene	15.11	252	1045765m	35.84	ng		
89) Benzo(a)pyrene	15.44	252	1214425	40.13	ng		98
90) Dibenzo(a,h)anthracene	16.93	278	1154052	44.32	ng		96
91) Benzo(g,h,i)perylene	17.35	276	1136722	42.15	ng		98

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

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