Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084254.D
Acq On : 4 Jan 2016 23:56
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/5/2016 1:41:47 PM

Quant Time: Jan 05 03:28:31 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	270684	20.00	ng		-0.01
21) Naphthalene-d8	8.18	136	1138096	20.00	ng		-0.01
38) Acenaphthene-d10	9.94	164	529884	20.00	ng		-0.01
63) Phenanthrene-d10	11.41	188	896705	20.00	ng		-0.01
75) Chrysene-d12	14.05	240	575044	20.00	ng		-0.01
86) Perylene-d12	15.49	264	566838	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1283796	76.71	ng		0.00
7) Phenol-d6	6.53	99	1647440	78.38	ng		0.00
23) Nitrobenzene-d5	7.46	82	1497683	73.24	ng		-0.01
41) 2,4,6-Tribromophenol	10.73	330	425051	79.45	ng		-0.01
44) 2-Fluorobiphenyl	9.25	172	2511607	83.25	ng		-0.01
78) Terphenyl-d14	13.00	244	1846104	71.66	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	331065	41.76	ng	#	78
3) Pyridine	3.24	79	944354	42.73	ng	#	70
4) n-Nitrosodimethylamine	3.20	42	459790	40.53	ng		79
6) Aniline	6.56	93	1199252	39.00	ng	#	86
8) 2-Chlorophenol	6.68	128	805317	42.41	ng		97
9) Benzaldehyde	6.44	77	520836	38.06	ng		90
10) Phenol	6.54	94	862541	36.09	ng		82
11) bis(2-Chloroethyl)ether	6.62	93	736213	39.77	ng	#	78
12) 1,3-Dichlorobenzene	6.83	146	804740	41.09	ng	#	94
13) 1,4-Dichlorobenzene	6.91	146	838169	42.67	ng		95
14) 1,2-Dichlorobenzene	7.06	146	713961	37.96	ng		94
15) Benzyl Alcohol	7.04	79	637783	36.07	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1221046	36.22	ng		85
17) 2-Methylphenol	7.16	107	652327	40.99	ng		96
18) Hexachloroethane	7.40	117	309161	39.36	ng		92
19) n-Nitroso-di-n-propylamine	7.31	70	501322	35.24	ng	#	69
20) 3+4-Methylphenols	7.31	107	714981	38.23	ng	#	64
22) Acetophenone	7.31	105	1100406	40.21	ng	#	88
24) Nitrobenzene	7.48	77	914531	44.09	ng		95
25) Isophorone	7.72	82	1519808	38.86	ng		99
26) 2-Nitrophenol	7.79	139	385533	40.84	ng	#	76
27) 2,4-Dimethylphenol	7.84	122	678591	35.52	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	857629	35.90	ng		99
29) 2,4-Dichlorophenol	8.04	162	662304	41.61	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	687498	41.84	ng	#	95
31) Naphthalene	8.20	128	2100950	40.69	ng		98
32) Benzoic acid	7.95	122	408795m	35.18	ng		
33) 4-Chloroaniline	8.25	127	925419	39.09	ng		97
34) Hexachlorobutadiene	8.32	225	362208	38.35	ng		97
35) Caprolactam	8.64	113	226581	42.23	ng	#	71
36) 4-Chloro-3-methylphenol	8.74	107	671097	37.64	ng		95
37) 2-Methylnaphthalene	8.89	142	1431221	38.61	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	650877	42.73	ng		99
40) Hexachlorocyclopentadiene	9.05	237	353631	38.46	ng		98

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Quant Time: Jan 05 03:28:31 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	443137	38.88	ng		95
43) 2,4,5-Trichlorophenol	9.22	196	445806	40.80	ng		95
45) 1,1'-Biphenyl	9.36	154	1633761	38.79	ng		99
46) 2-Chloronaphthalene	9.38	162	1217907	36.82	ng		97
47) 2-Nitroaniline	9.48	65	499169	45.72	ng		88
48) Acenaphthylene	9.80	152	2051837	41.98	ng		98
49) Dimethylphthalate	9.66	163	1611152	42.53	ng	#	91
50) 2,6-Dinitrotoluene	9.72	165	344021	41.41	ng	#	61
51) Acenaphthene	9.97	154	1383211	42.19	ng		97
52) 3-Nitroaniline	9.89	138	413271	40.14	ng		90
53) 2,4-Dinitrophenol	10.00	184	119689	35.87	ng	#	74
54) Dibenzofuran	10.14	168	1847014	43.40	ng		98
55) 4-Nitrophenol	10.05	139	243725	32.61	ng	#	76
56) 2,4-Dinitrotoluene	10.12	165	440647	41.91	ng	#	95
57) Fluorene	10.49	166	1369055	41.52	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	355005	38.06	ng		95
59) Diethylphthalate	10.36	149	1525508	40.84	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	628096	45.41	ng		96
61) 4-Nitroaniline	10.50	138	365215	39.80	ng		94
62) Azobenzene	10.64	77	1663091	40.60	ng		92
64) 4,6-Dinitro-2-methylphenol	10.53	198	188648	34.58	ng	#	69
65) n-Nitrosodiphenylamine	10.60	169	1194867	41.68	ng		97
66) 4-Bromophenyl-phenylether	10.97	248	432491	44.81	ng	#	92
67) Hexachlorobenzene	11.02	284	417153	38.40	ng	#	78
68) Atrazine	11.13	200	410961	43.80	ng		96
69) Pentachlorophenol	11.22	266	175290	31.12	ng		98
70) Phenanthrene	11.45	178	2035788	43.40	ng		97
71) Anthracene	11.49	178	1808080	39.32	ng		97
72) Carbazole	11.65	167	1741064	38.73	ng		99
73) Di-n-butylphthalate	11.98	149	2084798	43.19	ng	#	96
74) Fluoranthene	12.63	202	1664502	33.97	ng		98
76) Benzidine	12.75	184	663388	32.17	ng		99
77) Pyrene	12.85	202	1663239	36.86	ng		98
79) Butylbenzylphthalate	13.48	149	742455	38.02	ng		95
80) Benzo(a)anthracene	14.04	228	1239735	36.72	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	455983	38.69	ng	#	95
82) Chrysene	14.08	228	1119483	34.50	ng		98
83) Bis(2-ethylhexyl)phthalate	14.04	149	824884	33.44	ng	#	97
84) Di-n-octyl phthalate	14.65	149	1365725	32.79	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.91	276	1253852	48.75	ng		100
87) Benzo(b)fluoranthene	15.08	252	1416578m	38.20	ng		
88) Benzo(k)fluoranthene	15.11	252	1079834m	35.61	ng		
89) Benzo(a)pyrene	15.44	252	1275623	40.56	ng		100
90) Dibenzo(a,h)anthracene	16.93	278	1033211	38.18	ng	#	94
91) Benzo(g,h,i)perylene	17.33	276	1000547	35.70	ng		99

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

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