Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084925.D
Acq On : 6 Feb 2016 21:28
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
UMANGI
2/8/2016 3:04:36 PM

Quant Time: Feb 08 03:24:30 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	176140	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	692213	20.00	ng		-0.02
38) Acenaphthene-d10	9.70	164	310341	20.00	ng		-0.03
63) Phenanthrene-d10	11.17	188	503635	20.00	ng		-0.03
75) Chrysene-d12	13.81	240	308843	20.00	ng		-0.02
86) Perylene-d12	15.17	264	350121	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	920847	81.43	ng		-0.02
7) Phenol-d6	6.33	99	1100697	78.51	ng		-0.01
23) Nitrobenzene-d5	7.24	82	1015025	82.60	ng		-0.02
41) 2,4,6-Tribromophenol	10.49	330	213456	65.94	ng		-0.03
44) 2-Fluorobiphenyl	9.04	172	1776423	104.35	ng		-0.02
78) Terphenyl-d14	12.76	244	1065391	78.17	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.13	88	182191m	36.78	ng		
3) Pyridine	2.78	79	537300	41.63	ng	#	74
4) n-Nitrosodimethylamine	2.75	42	256682	38.45	ng		87
6) Aniline	6.33	93	628557	36.64	ng		98
8) 2-Chlorophenol	6.45	128	525709	41.07	ng		96
9) Benzaldehyde	6.20	77	298653	36.07	ng		97
10) Phenol	6.34	94	685300	43.64	ng		89
11) bis(2-Chloroethyl)ether	6.41	93	463569m	37.85	ng		
12) 1,3-Dichlorobenzene	6.60	146	543227	40.17	ng	#	97
13) 1,4-Dichlorobenzene	6.68	146	560100	41.43	ng		95
14) 1,2-Dichlorobenzene	6.83	146	447128	35.51	ng		95
15) Benzyl Alcohol	6.82	79	341962	35.32	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.96	45	769575	37.36	ng		97
17) 2-Methylphenol	6.94	107	386890	38.22	ng	#	90
18) Hexachloroethane	7.17	117	204066	39.20	ng		97
19) n-Nitroso-di-n-propylamine	7.09	70	311699	35.47	ng	#	72
20) 3+4-Methylphenols	7.10	107	511063	40.67	ng		91
22) Acetophenone	7.08	105	716373	39.27	ng	#	99
24) Nitrobenzene	7.25	77	464765	35.32	ng		92
25) Isophorone	7.50	82	944436	39.53	ng		95
26) 2-Nitrophenol	7.57	139	264670	40.78	ng	#	86
27) 2,4-Dimethylphenol	7.63	122	475731	42.14	ng		92
28) bis(2-Chloroethoxy)methane	7.72	93	542189	38.25	ng		97
29) 2,4-Dichlorophenol	7.82	162	397447	41.15	ng		96
30) 1,2,4-Trichlorobenzene	7.89	180	406742	37.28	ng		96
31) Naphthalene	7.97	128	1316198	37.91	ng		100
32) Benzoic acid	7.78	122	288095	39.90	ng		90
33) 4-Chloroaniline	8.03	127	495913	34.53	ng		98
34) Hexachlorobutadiene	8.10	225	251976	40.06	ng		98
35) Caprolactam	8.42	113	107968	36.27	ng	#	46
36) 4-Chloro-3-methylphenol	8.53	107	421163	38.22	ng		87
37) 2-Methylnaphthalene	8.66	142	800133	36.82	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	399890	40.57	ng		99
40) Hexachlorocyclopentadiene	8.82	237	89398	28.51	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	250580	39.46	ng		96
43) 2,4,5-Trichlorophenol	8.99	196	248988	38.59	ng	#	83
45) 1,1'-Biphenyl	9.13	154	1003377	36.20	ng		99
46) 2-Chloronaphthalene	9.15	162	770313	37.74	ng		95
47) 2-Nitroaniline	9.25	65	232257	35.93	ng		97
48) Acenaphthylene	9.56	152	1154696	37.28	ng		98
49) Dimethylphthalate	9.44	163	937486	39.66	ng	#	89
50) 2,6-Dinitrotoluene	9.50	165	219620	42.53	ng		98
51) Acenaphthene	9.73	154	709212	35.19	ng		96
52) 3-Nitroaniline	9.66	138	193921	33.42	ng		99
53) 2,4-Dinitrophenol	9.78	184	56598	27.83	ng		92
54) Dibenzofuran	9.90	168	907216	36.83	ng		94
55) 4-Nitrophenol	9.85	139	127723	29.95	ng	#	83
56) 2,4-Dinitrotoluene	9.90	165	266500	40.46	ng	#	91
57) Fluorene	10.25	166	786033	38.21	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	182882	37.24	ng		92
59) Diethylphthalate	10.13	149	847418	36.72	ng		98
60) 4-Chlorophenyl-phenylether	10.25	204	396388	46.04	ng		90
61) 4-Nitroaniline	10.28	138	209501	37.05	ng		93
62) Azobenzene	10.41	77	849328	38.27	ng		93
64) 4,6-Dinitro-2-methylphenol	10.32	198	93902	30.21	ng		78
65) n-Nitrosodiphenylamine	10.36	169	657583	41.12	ng		98
66) 4-Bromophenyl-phenylether	10.73	248	230153	41.37	ng	#	73
67) Hexachlorobenzene	10.80	284	261517	43.15	ng	#	94
68) Atrazine	10.90	200	210381	41.66	ng		98
69) Pentachlorophenol	10.99	266	52329	18.37	ng		97
70) Phenanthrene	11.21	178	1155841	41.38	ng		99
71) Anthracene	11.25	178	1034549	36.76	ng		99
72) Carbazole	11.41	167	834321	33.99	ng		100
73) Di-n-butylphthalate	11.76	149	1307897	41.86	ng	#	98
74) Fluoranthene	12.38	202	956492	33.83	ng		97
76) Benzidine	12.51	184	228144	22.15	ng		98
77) Pyrene	12.61	202	999828	42.28	ng		99
79) Butylbenzylphthalate	13.24	149	414842	38.67	ng		92
80) Benzo(a)anthracene	13.80	228	786395	41.02	ng		100
81) 3,3'-Dichlorobenzidine	13.77	252	282926	41.69	ng	#	95
82) Chrysene	13.84	228	786046	42.29	ng		99
83) Bis(2-ethylhexyl)phthalate	13.80	149	561525	42.06	ng		97
84) Di-n-octyl phthalate	14.42	149	986978	44.81	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.45	276	799046	54.61	ng		98
87) Benzo(b)fluoranthene	14.81	252	910029m	38.68	ng		
88) Benzo(k)fluoranthene	14.83	252	661780m	34.02	ng		
89) Benzo(a)pyrene	15.13	252	769832	38.41	ng		98
90) Dibenzo(a,h)anthracene	16.47	278	664919	39.41	ng		99
91) Benzo(g,h,i)perylene	16.84	276	638267	37.55	ng		97

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

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