Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086412.D
Acq On : 24 Apr 2016 1:40
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
4/25/2016 12:36:19 PM

Quant Time: Apr 25 07:26:37 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 23 00:24:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	171524	20.00	ng		0.01
21) Naphthalene-d8	8.13	136	662103	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	253872	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	453855	20.00	ng		0.00
75) Chrysene-d12	14.00	240	321369	20.00	ng		0.00
86) Perylene-d12	15.43	264	251046	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	779872	78.52	ng		0.01
7) Phenol-d6	6.49	99	1051562	77.88	ng		0.01
23) Nitrobenzene-d5	7.41	82	865651	77.45	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	172071	74.87	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1260946	84.76	ng		0.00
78) Terphenyl-d14	12.95	244	1167144	90.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	207761	37.83	ng		98
3) Pyridine	3.14	79	540072	41.27	ng		94
4) n-Nitrosodimethylamine	3.08	42	194937	39.26	ng		95
6) Aniline	6.51	93	680844	41.32	ng	#	88
8) 2-Chlorophenol	6.64	128	466543	38.47	ng		90
9) Benzaldehyde	6.40	77	301593	36.77	ng		86
10) Phenol	6.50	94	613013	38.45	ng		84
11) bis(2-Chloroethyl)ether	6.59	93	502686	36.21	ng		90
12) 1,3-Dichlorobenzene	6.78	146	506645m	39.18	ng		
13) 1,4-Dichlorobenzene	6.86	146	537736	37.85	ng		98
14) 1,2-Dichlorobenzene	7.02	146	458725m	35.54	ng		
15) Benzyl Alcohol	6.99	79	302290	37.72	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	640498	35.20	ng		99
17) 2-Methylphenol	7.10	107	359907	36.22	ng		96
18) Hexachloroethane	7.36	117	110701	23.14	ng		94
19) n-Nitroso-di-n-propylamine	7.26	70	288592	35.76	ng		89
20) 3+4-Methylphenols	7.26	107	420836	39.95	ng		93
22) Acetophenone	7.26	105	576821	41.53	ng	#	90
24) Nitrobenzene	7.44	77	500549	41.75	ng	#	86
25) Isophorone	7.68	82	842152	38.45	ng	#	91
26) 2-Nitrophenol	7.74	139	148911	25.14	ng	#	88
27) 2,4-Dimethylphenol	7.79	122	403402	39.77	ng		95
28) bis(2-Chloroethoxy)methane	7.88	93	487879	39.89	ng		99
29) 2,4-Dichlorophenol	8.00	162	325775	38.85	ng		93
30) 1,2,4-Trichlorobenzene	8.08	180	369245	40.54	ng		98
31) Naphthalene	8.16	128	1213954	35.99	ng		99
32) Benzoic acid	7.88	122	136649	21.07	ng		96
33) 4-Chloroaniline	8.20	127	497386	37.86	ng		95
34) Hexachlorobutadiene	8.27	225	183174	40.28	ng		97
35) Caprolactam	8.57	113	97323	32.35	ng		100
36) 4-Chloro-3-methylphenol	8.68	107	329723	33.09	ng		91
37) 2-Methylnaphthalene	8.84	142	683459	35.13	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	313693	47.76	ng		97
42) 2,4,6-Trichlorophenol	9.13	196	194650	45.20	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.16	196	196209	37.00	ng	#	91
45) 1,1'-Biphenyl	9.31	154	884832	44.93	ng		99
46) 2-Chloronaphthalene	9.33	162	671832	43.09	ng		98
47) 2-Nitroaniline	9.42	65	208187	42.89	ng		88
48) Acenaphthylene	9.74	152	998506	39.50	ng		100
49) Dimethylphthalate	9.61	163	799793	43.61	ng		100
50) 2,6-Dinitrotoluene	9.66	165	122615	30.95	ng	#	86
51) Acenaphthene	9.92	154	580444	37.38	ng		99
52) 3-Nitroaniline	9.84	138	223218	45.01	ng		91
54) Dibenzofuran	10.09	168	789176	39.57	ng		98
55) 4-Nitrophenol	10.01	139	87097	25.10	ng		97
56) 2,4-Dinitrotoluene	10.08	165	148119	28.16	ng	#	71
57) Fluorene	10.43	166	626969	38.37	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	139368	35.96	ng		96
59) Diethylphthalate	10.30	149	717602	40.86	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	287001	40.16	ng	#	79
61) 4-Nitroaniline	10.45	138	234166	46.13	ng		98
62) Azobenzene	10.58	77	664720	36.50	ng		98
65) n-Nitrosodiphenylamine	10.54	169	585127	41.81	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	175592	39.51	ng		94
67) Hexachlorobenzene	10.98	284	180810	38.13	ng	#	79
68) Atrazine	11.07	200	136342	31.55	ng		99
69) Pentachlorophenol	11.17	266	84589	30.38	ng		98
70) Phenanthrene	11.39	178	877413	38.48	ng		100
71) Anthracene	11.45	178	998170	38.20	ng		99
72) Carbazole	11.60	167	923516	37.63	ng		99
73) Di-n-butylphthalate	11.93	149	1060867	41.09	ng		100
74) Fluoranthene	12.58	202	974469	39.62	ng		94
76) Benzidine	12.71	184	656232	49.79	ng		97
77) Pyrene	12.81	202	963030	42.97	ng		99
79) Butylbenzylphthalate	13.43	149	489118	46.84	ng		90
80) Benzo(a)anthracene	13.99	228	648881	38.90	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	529403	46.01	ng	#	95
82) Chrysene	14.03	228	779989	41.50	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	585545	50.08	ng	#	97
84) Di-n-octyl phthalate	14.59	149	999801	44.54	ng		98
85) Indeno(1,2,3-cd)pyrene	16.81	276	562464	33.66	ng		98
87) Benzo(b)fluoranthene	15.01	252	533707m	38.73	ng		
88) Benzo(k)fluoranthene	15.05	252	624625m	46.18	ng		
89) Benzo(a)pyrene	15.36	252	538150	39.59	ng	#	95
90) Dibenzo(a,h)anthracene	16.82	278	473801	42.25	ng		99
91) Benzo(g,h,i)perylene	17.22	276	445769	38.51	ng		98

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

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