Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
Data File : BF087705.D
Acq On : 5 Jun 2016 13:49
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
SOHIL
6/6/2016 7:24:53 PM

Quant Time: Jun 06 03:21:54 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	6.86	152	111935	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	470060	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	219692	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	388629	20.00	ng		0.00
75) Chrysene-d12	14.02	240	282693	20.00	ng		0.00
86) Perylene-d12	15.44	264	241543	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	512997	74.08	ng		0.00
7) Phenol-d6	6.49	99	664674	76.53	ng		0.00
23) Nitrobenzene-d5	7.43	82	614459	75.63	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	175174	79.43	ng		0.01
44) 2-Fluorobiphenyl	9.23	172	1183333	81.62	ng		0.00
78) Terphenyl-d14	12.97	244	937994	80.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	137950	41.21	ng	#	31
3) Pyridine	3.20	79	362265	40.96	ng		100
4) n-Nitrosodimethylamine	3.14	42	151320	40.50	ng		99
6) Aniline	6.52	93	491496	39.92	ng		99
8) 2-Chlorophenol	6.64	128	317898	39.89	ng		98
9) Benzaldehyde	6.41	77	229342	39.06	ng		100
10) Phenol	6.50	94	358099	36.21	ng		90
11) bis(2-Chloroethyl)ether	6.60	93	288457	40.14	ng	#	82
12) 1,3-Dichlorobenzene	6.80	146	323727	37.94	ng		99
13) 1,4-Dichlorobenzene	6.88	146	346201	40.44	ng		99
14) 1,2-Dichlorobenzene	7.04	146	306640	38.21	ng		99
15) Benzyl Alcohol	7.00	79	242518	37.80	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	402305	38.39	ng		97
17) 2-Methylphenol	7.12	107	261696	40.90	ng		97
18) Hexachloroethane	7.38	117	122248	40.83	ng		94
19) n-Nitroso-di-n-propylamine	7.28	70	209279	38.58	ng		99
20) 3+4-Methylphenols	7.27	107	305932	39.02	ng		93
22) Acetophenone	7.28	105	425713	39.99	ng	#	95
24) Nitrobenzene	7.45	77	351145	43.19	ng		99
25) Isophorone	7.69	82	571778	38.66	ng		99
26) 2-Nitrophenol	7.76	139	154891	41.00	ng		99
27) 2,4-Dimethylphenol	7.80	122	320092	40.88	ng		97
28) bis(2-Chloroethoxy)methane	7.91	93	357216	38.07	ng		100
29) 2,4-Dichlorophenol	8.00	162	253960	39.49	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	276502	41.06	ng		99
31) Naphthalene	8.17	128	902523	39.49	ng		100
32) Benzoic acid	7.92	122	188011	39.80	ng		97
33) 4-Chloroaniline	8.22	127	363921	36.66	ng		99
34) Hexachlorobutadiene	8.30	225	141491	40.41	ng		99
35) Caprolactam	8.60	113	90100	42.65	ng	#	75
36) 4-Chloro-3-methylphenol	8.70	107	252649	37.98	ng		96
37) 2-Methylnaphthalene	8.86	142	581597	38.54	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	251236	41.50	ng	#	1
40) Hexachlorocyclopentadiene	9.02	237	133530	37.49	ng		100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	184081	40.26	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	185889	43.68	ng	#	93
45) 1,1'-Biphenyl	9.32	154	659028	36.96	ng		100
46) 2-Chloronaphthalene	9.35	162	511750	36.06	ng		100
47) 2-Nitroaniline	9.44	65	156071	39.05	ng		98
48) Acenaphthylene	9.77	152	889545	40.19	ng		99
49) Dimethylphthalate	9.63	163	653329	40.91	ng		100
50) 2,6-Dinitrotoluene	9.69	165	158402	43.59	ng	#	83
51) Acenaphthene	9.94	154	563430	39.56	ng		100
52) 3-Nitroaniline	9.86	138	171363	41.23	ng	#	68
53) 2,4-Dinitrophenol	9.95	184	49510	32.44	ng		91
54) Dibenzofuran	10.11	168	815461	42.06	ng		99
55) 4-Nitrophenol	10.01	139	143366	40.36	ng	#	81
56) 2,4-Dinitrotoluene	10.09	165	214494	46.35	ng	#	90
57) Fluorene	10.44	166	554013	36.55	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	150434	41.04	ng	#	58
59) Diethylphthalate	10.33	149	617399	38.49	ng		100
60) 4-Chlorophenyl-phenylether	10.44	204	249211	41.31	ng		98
61) 4-Nitroaniline	10.47	138	148943	37.27	ng		95
62) Azobenzene	10.60	77	670300	41.52	ng		99
64) 4,6-Dinitro-2-methylphenol	10.49	198	73577	34.65	ng		92
65) n-Nitrosodiphenylamine	10.56	169	514274	40.40	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	174069	45.17	ng		99
67) Hexachlorobenzene	10.99	284	171323	39.76	ng		99
68) Atrazine	11.10	200	170656	45.26	ng		97
69) Pentachlorophenol	11.19	266	97787	38.19	ng		99
70) Phenanthrene	11.40	178	812819	38.57	ng		100
71) Anthracene	11.46	178	864549	40.95	ng		100
72) Carbazole	11.61	167	752460	37.65	ng		100
73) Di-n-butylphthalate	11.95	149	937135	43.73	ng		100
74) Fluoranthene	12.59	202	861869	41.57	ng		100
76) Benzidine	12.72	184	417120	37.42	ng		99
77) Pyrene	12.82	202	858145	42.63	ng		100
79) Butylbenzylphthalate	13.45	149	400083	46.70	ng		95
80) Benzo(a)anthracene	14.01	228	649216	39.79	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	201753	43.83	ng		99
82) Chrysene	14.05	228	687418	42.33	ng		100
83) Bis(2-ethylhexyl)phthalate	14.01	149	479782	47.06	ng	#	98
84) Di-n-octyl phthalate	14.62	149	773455	40.81	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.85	276	608975	45.37	ng	#	100
87) Benzo(b)fluoranthene	15.04	252	663658m	42.24	ng		
88) Benzo(k)fluoranthene	15.06	252	472510m	36.14	ng		
89) Benzo(a)pyrene	15.38	252	551655	41.77	ng		99
90) Dibenzo(a,h)anthracene	16.86	278	506419	45.05	ng		99
91) Benzo(g,h,i)perylene	17.26	276	512264	45.17	ng		99

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

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