Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
Data File : BF087843.D
Acq On : 9 Jun 2016 9:39
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
6/9/2016 7:58:41 PM

Quant Time: Jun 09 14:38:38 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	103261	20.00	ng		-0.02
21) Naphthalene-d8	8.11	136	404395	20.00	ng		-0.01
38) Acenaphthene-d10	9.87	164	169633	20.00	ng		-0.01
63) Phenanthrene-d10	11.35	188	251294	20.00	ng		-0.01
75) Chrysene-d12	13.99	240	203963	20.00	ng		0.00
86) Perylene-d12	15.42	264	174366	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	501685	83.06	ng		-0.01
7) Phenol-d6	6.46	99	582371	79.56	ng		-0.02
23) Nitrobenzene-d5	7.39	82	499277	72.09	ng		-0.02
41) 2,4,6-Tribromophenol	10.66	330	124895	69.73	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	974464	90.61	ng		-0.01
78) Terphenyl-d14	12.94	244	661416	73.79	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	115421	39.33	ng	#	35
3) Pyridine	3.10	79	288251	41.60	ng		97
4) n-Nitrosodimethylamine	3.04	42	117161	39.92	ng		92
6) Aniline	6.49	93	377720	36.25	ng		98
8) 2-Chlorophenol	6.60	128	266927	37.33	ng		96
9) Benzaldehyde	6.38	77	179596	39.86	ng		93
10) Phenol	6.48	94	324317	42.79	ng		73
11) bis(2-Chloroethyl)ether	6.57	93	251001	39.10	ng	#	81
12) 1,3-Dichlorobenzene	6.76	146	287265	37.45	ng		100
13) 1,4-Dichlorobenzene	6.84	146	305423	39.53	ng		100
14) 1,2-Dichlorobenzene	7.00	146	265203	37.74	ng		99
15) Benzyl Alcohol	6.97	79	215732	37.67	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.11	45	326726	37.68	ng		97
17) 2-Methylphenol	7.08	107	214100	36.93	ng		98
18) Hexachloroethane	7.34	117	80649	29.41	ng	#	80
19) n-Nitroso-di-n-propylamine	7.24	70	158942	33.94	ng		95
20) 3+4-Methylphenols	7.24	107	268598	39.70	ng	#	76
22) Acetophenone	7.24	105	357292	39.54	ng	#	95
24) Nitrobenzene	7.42	77	290072	43.24	ng		99
25) Isophorone	7.66	82	497908	38.82	ng		95
26) 2-Nitrophenol	7.72	139	112956	31.43	ng		97
27) 2,4-Dimethylphenol	7.77	122	251862	38.07	ng		96
28) bis(2-Chloroethoxy)methane	7.86	93	286073	35.96	ng	#	96
29) 2,4-Dichlorophenol	7.98	162	208830	37.80	ng		89
30) 1,2,4-Trichlorobenzene	8.06	180	231603	38.50	ng		99
31) Naphthalene	8.14	128	775088	38.73	ng		99
32) Benzoic acid	7.87	122	129720m	35.61	ng		
33) 4-Chloroaniline	8.18	127	284154	31.80	ng		99
34) Hexachlorobutadiene	8.25	225	117176	36.94	ng		97
35) Caprolactam	8.56	113	62933	34.39	ng		91
36) 4-Chloro-3-methylphenol	8.67	107	223428	37.82	ng		90
37) 2-Methylnaphthalene	8.82	142	475803	36.07	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	201756	46.07	ng	#	1
40) Hexachlorocyclopentadiene	8.98	237	13455	4.92	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	128404	37.85	ng		97
43) 2,4,5-Trichlorophenol	9.15	196	134357	38.07	ng		97
45) 1,1'-Biphenyl	9.29	154	529234	41.02	ng		99
46) 2-Chloronaphthalene	9.31	162	409447	37.30	ng		99
47) 2-Nitroaniline	9.42	65	133378	41.19	ng	#	68
48) Acenaphthylene	9.74	152	674401	38.62	ng		99
49) Dimethylphthalate	9.60	163	501575	40.82	ng		100
50) 2,6-Dinitrotoluene	9.66	165	99082	35.21	ng	#	69
51) Acenaphthene	9.91	154	398182	36.56	ng		99
52) 3-Nitroaniline	9.83	138	139815	43.06	ng	#	79
53) 2,4-Dinitrophenol	9.93	184	5330	7.26	ng	#	77
54) Dibenzofuran	10.08	168	593782	39.58	ng		97
55) 4-Nitrophenol	9.99	139	81453	32.32	ng	#	65
56) 2,4-Dinitrotoluene	10.06	165	118020	32.63	ng	#	71
57) Fluorene	10.42	166	433377	42.48	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	95023	34.26	ng	#	53
59) Diethylphthalate	10.30	149	461661	37.12	ng		99
60) 4-Chlorophenyl-phenylether	10.41	204	179974	36.08	ng		96
61) 4-Nitroaniline	10.43	138	101260	32.88	ng		94
62) Azobenzene	10.57	77	435981	35.45	ng		97
64) 4,6-Dinitro-2-methylphenol	10.47	198	12725	9.91	ng	#	62
65) n-Nitrosodiphenylamine	10.54	169	396146	47.51	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	118057	43.79	ng	#	91
67) Hexachlorobenzene	10.97	284	122340	43.67	ng	#	69
68) Atrazine	11.06	200	111707	44.24	ng		95
69) Pentachlorophenol	11.17	266	59723	40.45	ng		97
70) Phenanthrene	11.38	178	572297	43.40	ng		99
71) Anthracene	11.43	178	548344	41.22	ng		99
72) Carbazole	11.59	167	557164	44.76	ng		98
73) Di-n-butylphthalate	11.92	149	650749	41.30	ng		100
74) Fluoranthene	12.56	202	529970	38.08	ng		97
76) Benzidine	12.69	184	65976	11.68	ng		99
77) Pyrene	12.79	202	552654	36.51	ng		99
79) Butylbenzylphthalate	13.42	149	266183	39.78	ng	#	83
80) Benzo(a)anthracene	13.98	228	487670	41.96	ng		100
81) 3,3'-Dichlorobenzidine	13.94	252	147748	47.27	ng	#	93
82) Chrysene	14.01	228	479825	43.88	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	373091	45.80	ng	#	95
84) Di-n-octyl phthalate	14.59	149	675939	51.07	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.80	276	381703	37.57	ng	#	100
87) Benzo(b)fluoranthene	15.01	252	427270m	35.16	ng		
88) Benzo(k)fluoranthene	15.03	252	394716m	43.06	ng		
89) Benzo(a)pyrene	15.35	252	390007	39.66	ng		100
90) Dibenzo(a,h)anthracene	16.82	278	326335	35.73	ng		96
91) Benzo(g,h,i)perylene	17.21	276	313071	33.33	ng		98

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

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