Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
Data File : BF081060.D
Acq On : 19 Aug 2015 00:36
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
MMDadoda
8/19/2015 2:18:22 PM

Quant Time: Aug 19 01:56:18 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	54969	20.00	ng		-0.02
21) Naphthalene-d8	7.90	136	228289	20.00	ng		-0.01
38) Acenaphthene-d10	9.64	164	108031	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	223910	20.00	ng		-0.02
75) Chrysene-d12	13.74	240	173138	20.00	ng		-0.01
86) Perylene-d12	15.07	264	172540	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	270133	73.92	ng		-0.02
7) Phenol-d6	6.25	99	376110	78.88	ng		-0.01
23) Nitrobenzene-d5	7.18	82	384408	76.92	ng		-0.01
41) 2,4,6-Tribromophenol	10.42	330	74761	79.83	ng		-0.02
44) 2-Fluorobiphenyl	8.97	172	576985	69.98	ng		-0.02
78) Terphenyl-d14	12.70	244	764812	94.70	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	16465m	9.56	ng		
3) Pyridine	2.63	79	198750	40.89	ng	#	82
4) n-Nitrosodimethylamine	2.58	42	103700	38.32	ng	#	79
6) Aniline	6.27	93	287845	41.52	ng	#	85
8) 2-Chlorophenol	6.39	128	171203	42.80	ng		95
9) Benzaldehyde	6.15	77	131658	42.83	ng		94
10) Phenol	6.26	94	203219	36.09	ng	#	77
11) bis(2-Chloroethyl)ether	6.35	93	189329	43.81	ng		97
12) 1,3-Dichlorobenzene	6.55	146	183476	42.69	ng		98
13) 1,4-Dichlorobenzene	6.63	146	186864	43.91	ng		99
14) 1,2-Dichlorobenzene	6.78	146	159697	40.09	ng		98
15) Benzyl Alcohol	6.76	79	170221	44.12	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.90	45	346423	40.80	ng		99
17) 2-Methylphenol	6.88	107	134320	39.13	ng		95
18) Hexachloroethane	7.12	117	72252	42.01	ng		95
19) n-Nitroso-di-n-propylamine	7.04	70	135798	41.11	ng		92
20) 3+4-Methylphenols	7.04	107	173874	39.91	ng	#	49
22) Acetophenone	7.03	105	226076	37.72	ng	#	91
24) Nitrobenzene	7.20	77	211941	40.56	ng		97
25) Isophorone	7.44	82	382310	41.02	ng		99
26) 2-Nitrophenol	7.52	139	95143	43.78	ng	#	64
27) 2,4-Dimethylphenol	7.56	122	145052	37.73	ng		94
28) bis(2-Chloroethoxy)methane	7.67	93	220114	39.98	ng	#	98
29) 2,4-Dichlorophenol	7.76	162	138683	42.85	ng		91
30) 1,2,4-Trichlorobenzene	7.84	180	142439	39.60	ng		98
31) Naphthalene	7.92	128	546034	42.91	ng		99
32) Benzoic acid	7.70	122	94236	43.58	ng	#	85
33) 4-Chloroaniline	7.98	127	228230	42.51	ng	#	86
34) Hexachlorobutadiene	8.04	225	86462	42.50	ng		98
35) Caprolactam	8.35	113	44051	38.94	ng	#	89
36) 4-Chloro-3-methylphenol	8.47	107	159000	41.22	ng	#	83
37) 2-Methylnaphthalene	8.60	142	321287	39.97	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	142613	40.92	ng		99
40) Hexachlorocyclopentadiene	8.76	237	76293	42.29	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	104752	42.54	ng		98
43) 2,4,5-Trichlorophenol	8.92	196	103163	41.92	ng	#	92
45) 1,1'-Biphenyl	9.07	154	414362	43.54	ng		98
46) 2-Chloronaphthalene	9.10	162	296049	38.73	ng		98
47) 2-Nitroaniline	9.19	65	113258	36.20	ng		97
48) Acenaphthylene	9.50	152	503207	36.80	ng		99
49) Dimethylphthalate	9.38	163	363391	40.84	ng		99
50) 2,6-Dinitrotoluene	9.44	165	81471	42.65	ng	#	86
51) Acenaphthene	9.68	154	320451	39.14	ng		99
52) 3-Nitroaniline	9.60	138	85869	35.92	ng		98
53) 2,4-Dinitrophenol	9.70	184	44103	46.33	ng		94
54) Dibenzofuran	9.84	168	414948	37.82	ng		91
55) 4-Nitrophenol	9.77	139	76562	45.60	ng	#	73
56) 2,4-Dinitrotoluene	9.84	165	116673	46.08	ng		92
57) Fluorene	10.18	166	317903	37.67	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.96	232	85712m	45.00	ng		
59) Diethylphthalate	10.08	149	423023	44.92	ng		95
60) 4-Chlorophenyl-phenylether	10.18	204	153998	43.12	ng		97
61) 4-Nitroaniline	10.22	138	111938	45.82	ng		89
62) Azobenzene	10.34	77	482247	44.44	ng		96
64) 4,6-Dinitro-2-methylphenol	10.24	198	56204	42.03	ng		98
65) n-Nitrosodiphenylamine	10.31	169	339490	42.47	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	86942	39.53	ng	#	56
67) Hexachlorobenzene	10.73	284	98532	44.23	ng	#	89
68) Atrazine	10.83	200	86163	38.69	ng		98
69) Pentachlorophenol	10.92	266	60979	45.62	ng		97
70) Phenanthrene	11.13	178	484231	36.49	ng		100
71) Anthracene	11.19	178	555861	43.05	ng		99
72) Carbazole	11.35	167	563609	45.33	ng		99
73) Di-n-butylphthalate	11.69	149	712529	47.36	ng		98
74) Fluoranthene	12.31	202	540703	37.76	ng		92
76) Benzidine	12.44	184	364417	55.72	ng		99
77) Pyrene	12.54	202	584564	41.53	ng		99
79) Butylbenzylphthalate	13.18	149	338776	56.00	ng	#	85
80) Benzo(a)anthracene	13.71	228	552030	47.54	ng		99
81) 3,3'-Dichlorobenzidine	13.69	252	170024	45.21	ng		98
82) Chrysene	13.76	228	514228	49.14	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	449662	58.03	ng	#	97
84) Di-n-octyl phthalate	14.34	149	737794	62.64	ng		100
85) Indeno(1,2,3-cd)pyrene	16.30	276	417215	56.79	ng	#	94
87) Benzo(b)fluoranthene	14.72	252	571542m	46.83	ng		
88) Benzo(k)fluoranthene	14.74	252	345841m	30.41	ng		
89) Benzo(a)pyrene	15.03	252	433902	40.80	ng	#	96
90) Dibenzo(a,h)anthracene	16.31	278	343703	41.48	ng	#	92
91) Benzo(g,h,i)perylene	16.66	276	334236	39.76	ng	#	91

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

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