Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
Data File : BF080949.D
Acq On : 8 Aug 2015 4:41
Operator : TP/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
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8/10/2015 7:20:53 PM

Quant Time: Aug 08 06:46:24 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	43275	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	193741	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	90297	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	177721	20.00	ng		0.01
75) Chrysene-d12	13.96	240	127269	20.00	ng		0.00
86) Perylene-d12	15.37	264	114011	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	247876	93.59	ng		0.02
7) Phenol-d6	6.45	99	303660	83.67	ng		0.01
23) Nitrobenzene-d5	7.38	82	305283	74.53	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	76633	77.25	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	482375	75.21	ng		0.00
78) Terphenyl-d14	12.91	244	522299	84.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	47839	38.08	ng		95
3) Pyridine	3.02	79	168729	47.36	ng		89
4) n-Nitrosodimethylamine	2.98	42	88974	48.92	ng		96
6) Aniline	6.48	93	238545	44.73	ng		99
8) 2-Chlorophenol	6.60	128	132104	43.10	ng		91
9) Benzaldehyde	6.35	77	106185	43.40	ng		96
10) Phenol	6.46	94	160441	37.26	ng	#	53
11) bis(2-Chloroethyl)ether	6.54	93	131739	40.97	ng		95
12) 1,3-Dichlorobenzene	6.75	146	145035m	44.59	ng		
13) 1,4-Dichlorobenzene	6.83	146	151930	44.95	ng		96
14) 1,2-Dichlorobenzene	6.98	146	122694	40.16	ng		95
15) Benzyl Alcohol	6.96	79	127958	43.08	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.09	45	262261	40.54	ng		94
17) 2-Methylphenol	7.08	107	116789	44.64	ng	#	93
18) Hexachloroethane	7.32	117	51870	40.06	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	100880	38.03	ng		94
20) 3+4-Methylphenols	7.23	107	135468	41.22	ng		90
22) Acetophenone	7.23	105	190984	40.23	ng	#	91
24) Nitrobenzene	7.40	77	180610	42.83	ng	#	87
25) Isophorone	7.64	82	316324	40.16	ng		96
26) 2-Nitrophenol	7.71	139	62364	35.14	ng	#	83
27) 2,4-Dimethylphenol	7.76	122	115019	34.62	ng		92
28) bis(2-Chloroethoxy)methane	7.85	93	168279	35.59	ng		98
29) 2,4-Dichlorophenol	7.96	162	115833	42.43	ng		96
30) 1,2,4-Trichlorobenzene	8.04	180	121698	40.79	ng		96
31) Naphthalene	8.12	128	431169	40.38	ng		99
32) Benzoic acid	7.88	122	70634	35.51	ng		88
33) 4-Chloroaniline	8.17	127	161403	37.19	ng	#	93
34) Hexachlorobutadiene	8.24	225	66668	37.55	ng		97
35) Caprolactam	8.54	113	38769	39.48	ng	#	60
36) 4-Chloro-3-methylphenol	8.66	107	132804	39.87	ng		96
37) 2-Methylnaphthalene	8.81	142	248676	36.58	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	123038	44.20	ng		99
40) Hexachlorocyclopentadiene	8.97	237	26430	17.40	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	87913	43.09	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	82879	40.31	ng	#	73
45) 1,1'-Biphenyl	9.28	154	330180	42.61	ng		97
46) 2-Chloronaphthalene	9.30	162	248738	41.17	ng		95
47) 2-Nitroaniline	9.39	65	100805	41.61	ng		88
48) Acenaphthylene	9.71	152	400530	38.13	ng		99
49) Dimethylphthalate	9.58	163	325166	43.35	ng		98
50) 2,6-Dinitrotoluene	9.64	165	69537	44.87	ng	#	66
51) Acenaphthene	9.88	154	235414	36.60	ng		98
52) 3-Nitroaniline	9.81	138	82672	43.27	ng	#	72
53) 2,4-Dinitrophenol	9.90	184	16600	22.42	ng	#	70
54) Dibenzofuran	10.05	168	336474	38.68	ng		96
55) 4-Nitrophenol	9.97	139	59470	41.59	ng	#	59
56) 2,4-Dinitrotoluene	10.04	165	97884	47.21	ng	#	75
57) Fluorene	10.40	166	279178	41.49	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	68465m	42.08	ng		
59) Diethylphthalate	10.28	149	337197	43.19	ng		96
60) 4-Chlorophenyl-phenylether	10.40	204	130640	39.84	ng	#	74
61) 4-Nitroaniline	10.42	138	74165	37.73	ng		95
62) Azobenzene	10.54	77	344881	39.50	ng		96
64) 4,6-Dinitro-2-methylphenol	10.44	198	24180	21.95	ng	#	47
65) n-Nitrosodiphenylamine	10.51	169	254604	41.23	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	73759	39.19	ng	#	87
67) Hexachlorobenzene	10.94	284	90086	43.05	ng	#	82
68) Atrazine	11.04	200	73864	40.80	ng		99
69) Pentachlorophenol	11.14	266	49610	40.77	ng		95
70) Phenanthrene	11.36	178	422263	41.96	ng		98
71) Anthracene	11.40	178	378705	38.01	ng		99
72) Carbazole	11.56	167	375016	38.66	ng	#	96
73) Di-n-butylphthalate	11.89	149	495736	40.87	ng		100
74) Fluoranthene	12.53	202	381357	35.06	ng		97
76) Benzidine	12.66	184	221852	40.46	ng		98
77) Pyrene	12.76	202	379260	40.34	ng		99
79) Butylbenzylphthalate	13.39	149	223286	49.26	ng	#	87
80) Benzo(a)anthracene	13.95	228	305419	37.99	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	129011	44.12	ng	#	97
82) Chrysene	13.99	228	286543	37.22	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	291883	46.28	ng	#	98
84) Di-n-octyl phthalate	14.56	149	486649	45.51	ng		99
85) Indeno(1,2,3-cd)pyrene	16.73	276	271465	37.06	ng		99
87) Benzo(b)fluoranthene	14.97	252	315245	39.76	ng		98
88) Benzo(k)fluoranthene	14.99	252	278657m	40.18	ng		
89) Benzo(a)pyrene	15.31	252	278614	40.89	ng	#	98
90) Dibenzo(a,h)anthracene	16.74	278	234087	38.84	ng		98
91) Benzo(g,h,i)perylene	17.14	276	204220	34.84	ng	#	93

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

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