Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079956.D
Acq On : 13 Jun 2015 1:29
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
6/15/2015 12:45:04 PM

Quant Time: Jun 13 03:20:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 22:57:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	40301	20.00	ng		0.00
21) Naphthalene-d8	8.67	136	161623	20.00	ng		0.00
38) Acenaphthene-d10	10.44	164	91968	20.00	ng		0.00
63) Phenanthrene-d10	11.94	188	179540	20.00	ng		-0.03
75) Chrysene-d12	14.82	240	203121m	20.00	ng		-0.32
86) Perylene-d12	16.67	264	193589m	20.00	ng		-0.42
System Monitoring Compounds							
5) 2-Fluorophenol	5.99	112	197123	89.69	ng		0.00
7) Phenol-d6	6.97	99	253188	84.55	ng		0.00
23) Nitrobenzene-d5	7.93	82	223096	91.07	ng		0.00
41) 2,4,6-Tribromophenol	11.23	330	64520	71.04	ng		-0.01
44) 2-Fluorobiphenyl	9.75	172	507310	77.24	ng		0.00
78) Terphenyl-d14	13.60	244	719517m	81.67	ng		-0.17
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	45461	45.47	ng		95
3) Pyridine	4.09	79	127787	49.87	ng		96
4) n-Nitrosodimethylamine	4.01	42	56022	44.37	ng		100
6) Aniline	7.03	93	184626	42.60	ng		95
8) 2-Chlorophenol	7.15	128	103393	38.71	ng		84
9) Benzaldehyde	6.92	77	69137	40.17	ng		84
10) Phenol	6.99	94	127258	38.64	ng		92
11) bis(2-Chloroethyl)ether	7.10	93	98310	37.10	ng		89
12) 1,3-Dichlorobenzene	7.32	146	131856m	42.31	ng		
13) 1,4-Dichlorobenzene	7.39	146	141705	43.78	ng		94
14) 1,2-Dichlorobenzene	7.55	146	134662	46.84	ng		94
15) Benzyl Alcohol	7.50	79	98656	41.09	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.64	45	176467	44.96	ng		95
17) 2-Methylphenol	7.60	107	90146	38.63	ng		95
18) Hexachloroethane	7.90	117	39809	39.72	ng	#	82
19) n-Nitroso-di-n-propylamine	7.77	70	87002	40.66	ng	#	92
20) 3+4-Methylphenols	7.76	107	126973	42.57	ng		97
22) Acetophenone	7.77	105	152942	40.07	ng	#	90
24) Nitrobenzene	7.95	77	124407	47.74	ng	#	85
25) Isophorone	8.19	82	217430	38.14	ng	#	89
26) 2-Nitrophenol	8.27	139	43474	47.49	ng	#	82
27) 2,4-Dimethylphenol	8.30	122	106293	41.60	ng		96
28) bis(2-Chloroethoxy)methane	8.39	93	134271	39.67	ng		97
29) 2,4-Dichlorophenol	8.51	162	102822	48.05	ng		89
30) 1,2,4-Trichlorobenzene	8.60	180	118152	43.45	ng		97
31) Naphthalene	8.70	128	358859	40.62	ng		99
32) Benzoic acid	8.35	122	34789m	37.21	ng		
33) 4-Chloroaniline	8.73	127	182790	53.30	ng	#	92
34) Hexachlorobutadiene	8.81	225	72281	47.88	ng		98
35) Caprolactam	9.06	113	30136	44.53	ng	#	81
36) 4-Chloro-3-methylphenol	9.19	107	95499	39.07	ng		84
37) 2-Methylnaphthalene	9.38	142	233176	39.07	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	118425	38.45	ng		99
40) Hexachlorocyclopentadiene	9.54	237	44324	41.83	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.66	196	76660	40.39	ng		98
43) 2,4,5-Trichlorophenol	9.70	196	75232	35.91	ng	#	86
45) 1,1'-Biphenyl	9.85	154	311599	41.86	ng		94
46) 2-Chloronaphthalene	9.88	162	233013	36.77	ng	#	91
47) 2-Nitroaniline	9.96	65	49254	37.24	ng	#	58
48) Acenaphthylene	10.31	152	399359	37.33	ng		98
49) Dimethylphthalate	10.14	163	291870	39.61	ng		98
50) 2,6-Dinitrotoluene	10.20	165	47666	36.20	ng	#	63
51) Acenaphthene	10.48	154	243304	40.02	ng		98
52) 3-Nitroaniline	10.38	138	61300	38.08	ng	#	73
53) 2,4-Dinitrophenol	10.48	184	9176	48.57	ng	#	26
54) Dibenzofuran	10.65	168	348665	39.25	ng		91
55) 4-Nitrophenol	10.51	139	48765	42.70	ng	#	72
56) 2,4-Dinitrotoluene	10.60	165	63003	36.58	ng	#	66
57) Fluorene	10.99	166	288376	37.24	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.76	232	66096	41.63	ng		92
59) Diethylphthalate	10.84	149	262353	35.61	ng		94
60) 4-Chlorophenyl-phenylether	10.98	204	133099	38.49	ng	#	82
61) 4-Nitroaniline	10.98	138	59923	35.75	ng		93
62) Azobenzene	11.14	77	271508	38.30	ng		84
64) 4,6-Dinitro-2-methylphenol	11.02	198	16912	43.08	ng	#	54
65) n-Nitrosodiphenylamine	11.10	169	235960	40.71	ng		99
66) 4-Bromophenyl-phenylether	11.47	248	85684	42.59	ng	#	89
67) Hexachlorobenzene	11.55	284	89968	40.99	ng	#	89
68) Atrazine	11.61	200	81492	45.68	ng		98
69) Pentachlorophenol	11.75	266	33438	37.13	ng		98
70) Phenanthrene	11.98	178	432645	40.43	ng		99
71) Anthracene	12.02	178	449417	43.40	ng		100
72) Carbazole	12.17	167	436206	43.44	ng		99
73) Di-n-butylphthalate	12.49	149	473156	43.25	ng		99
74) Fluoranthene	13.21	202	486670	41.14	ng		96
76) Benzidine	13.31	184	239530	42.58	ng		99
77) Pyrene	13.45	202	506901	39.73	ng		99
79) Butylbenzylphthalate	14.11	149	179366m	41.64	ng		
80) Benzo(a)anthracene	14.81	228	497896m	38.60	ng		
81) 3,3'-Dichlorobenzidine	14.75	252	164944m	40.00	ng		
82) Chrysene	14.86	228	469758m	41.08	ng		
83) Bis(2-ethylhexyl)phthalate	14.78	149	292837m	42.47	ng		
84) Di-n-octyl phthalate	15.54	149	460495m	40.95	ng		
85) Indeno(1,2,3-cd)pyrene	18.56	276	559536m	41.42	ng		
87) Benzo(b)fluoranthene	16.13	252	485853m	40.96	ng		
88) Benzo(k)fluoranthene	16.17	252	484702m	40.07	ng		
89) Benzo(a)pyrene	16.59	252	455714m	40.40	ng		
90) Dibenzo(a,h)anthracene	18.58	278	448545m	40.45	ng		
91) Benzo(g,h,i)perylene	19.13	276	466983m	40.70	ng		

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

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