Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080019.D
Acq On : 17 Jun 2015 7:53
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
apatel
6/17/2015 5:13:18 PM

Quant Time: Jun 17 14:54:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 15:44:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	58163	20.00	ng		0.00
21) Naphthalene-d8	8.64	136	231694	20.00	ng		0.00
38) Acenaphthene-d10	10.41	164	119134	20.00	ng		0.00
63) Phenanthrene-d10	11.93	188	247683	20.00	ng		0.01
75) Chrysene-d12	15.00	240	279628	20.00	ng		0.09
86) Perylene-d12	16.94	264	282092	20.00	ng		0.14
System Monitoring Compounds							
5) 2-Fluorophenol	5.97	112	286828	90.43	ng		0.01
7) Phenol-d6	6.95	99	375226	86.83	ng		0.00
23) Nitrobenzene-d5	7.91	82	373821	106.45	ng		0.00
41) 2,4,6-Tribromophenol	11.21	330	107475	90.50	ng		0.00
44) 2-Fluorobiphenyl	9.72	172	631174	74.19	ng		0.00
78) Terphenyl-d14	13.67	244	965404	79.60	ng		0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	65512	45.40	ng		97
3) Pyridine	4.06	79	163309	44.16	ng		98
4) n-Nitrosodimethylamine	3.97	42	89436	49.08	ng	#	92
6) Aniline	7.01	93	274619	43.91	ng		95
8) 2-Chlorophenol	7.13	128	158665	41.16	ng		88
9) Benzaldehyde	6.90	77	97939	39.43	ng	#	76
10) Phenol	6.97	94	192590	40.52	ng		95
11) bis(2-Chloroethyl)ether	7.06	93	145420	38.02	ng		89
12) 1,3-Dichlorobenzene	7.29	146	188382m	41.89	ng		
13) 1,4-Dichlorobenzene	7.37	146	210219	45.00	ng		97
14) 1,2-Dichlorobenzene	7.53	146	181141m	43.66	ng		
15) Benzyl Alcohol	7.48	79	154011	44.45	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.61	45	244769	43.21	ng		99
17) 2-Methylphenol	7.58	107	131420	39.02	ng		94
18) Hexachloroethane	7.88	117	63300	43.76	ng		92
19) n-Nitroso-di-n-propylamine	7.75	70	126520	40.97	ng	#	89
20) 3+4-Methylphenols	7.74	107	183324	42.59	ng		95
22) Acetophenone	7.75	105	233936	42.75	ng	#	92
24) Nitrobenzene	7.93	77	177681	47.57	ng	#	81
25) Isophorone	8.16	82	319304	39.07	ng		95
26) 2-Nitrophenol	8.25	139	83005	62.32	ng		92
27) 2,4-Dimethylphenol	8.28	122	152649	41.68	ng		93
28) bis(2-Chloroethoxy)methane	8.37	93	211959	43.68	ng		99
29) 2,4-Dichlorophenol	8.49	162	140328	45.75	ng		87
30) 1,2,4-Trichlorobenzene	8.58	180	169328	43.43	ng		97
31) Naphthalene	8.66	128	512649	40.48	ng		99
32) Benzoic acid	8.33	122	95274m	63.30	ng		
33) 4-Chloroaniline	8.70	127	194186m	39.50	ng		
34) Hexachlorobutadiene	8.79	225	92499	42.74	ng		99
35) Caprolactam	9.04	113	42703	44.02	ng	#	76
36) 4-Chloro-3-methylphenol	9.17	107	141461	40.37	ng		87
37) 2-Methylnaphthalene	9.36	142	350572	40.97	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.53	216	161688	40.52	ng		99
40) Hexachlorocyclopentadiene	9.52	237	29063	24.61	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.64	196	114149	46.43	ng		99
43) 2,4,5-Trichlorophenol	9.67	196	111239	40.99	ng	#	92
45) 1,1'-Biphenyl	9.83	154	383217	39.75	ng		92
46) 2-Chloronaphthalene	9.85	162	318917	38.85	ng		98
47) 2-Nitroaniline	9.93	65	86635	49.03	ng		99
48) Acenaphthylene	10.28	152	568920	41.06	ng		99
49) Dimethylphthalate	10.10	163	346200	36.27	ng		99
50) 2,6-Dinitrotoluene	10.17	165	75243	43.45	ng	#	88
51) Acenaphthene	10.45	154	325646	41.35	ng		98
52) 3-Nitroaniline	10.34	138	87046	41.47	ng		97
53) 2,4-Dinitrophenol	10.46	184	16935	59.30	ng	#	1
54) Dibenzofuran	10.62	168	443942	38.58	ng		99
55) 4-Nitrophenol	10.49	139	74532	49.92	ng	#	70
56) 2,4-Dinitrotoluene	10.58	165	108729	47.13	ng	#	88
57) Fluorene	10.97	166	396087	39.49	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.73	232	92401	44.92	ng		94
59) Diethylphthalate	10.81	149	351695	36.85	ng		99
60) 4-Chlorophenyl-phenylether	10.95	204	176608	39.43	ng		97
61) 4-Nitroaniline	10.96	138	95469	43.26	ng		98
62) Azobenzene	11.11	77	379127	41.29	ng		99
64) 4,6-Dinitro-2-methylphenol	11.00	198	35768	60.22	ng		84
65) n-Nitrosodiphenylamine	11.06	169	335203	41.92	ng		100
66) 4-Bromophenyl-phenylether	11.45	248	115328	41.55	ng		98
67) Hexachlorobenzene	11.53	284	122692	40.52	ng		98
68) Atrazine	11.59	200	111169	45.17	ng		96
69) Pentachlorophenol	11.73	266	63525	48.19	ng		98
70) Phenanthrene	11.96	178	604181	40.93	ng		99
71) Anthracene	12.01	178	590701	41.35	ng		99
72) Carbazole	12.16	167	573177	41.37	ng		98
73) Di-n-butylphthalate	12.49	149	615570	40.79	ng	#	98
74) Fluoranthene	13.25	202	650408	39.86	ng		99
76) Benzidine	13.37	184	364274	47.04	ng		100
77) Pyrene	13.51	202	675444	38.46	ng		99
79) Butylbenzylphthalate	14.24	149	290151	48.93	ng		99
80) Benzo(a)anthracene	14.99	228	689655	38.84	ng		99
81) 3,3'-Dichlorobenzidine	14.93	252	248176	43.71	ng		99
82) Chrysene	15.03	228	643217	40.85	ng		99
83) Bis(2-ethylhexyl)phthalate	14.96	149	439415	46.29	ng		97
84) Di-n-octyl phthalate	15.81	149	770364	49.77	ng		100
85) Indeno(1,2,3-cd)pyrene	18.84	276	778779	41.88	ng		99
87) Benzo(b)fluoranthene	16.39	252	693816m	40.14	ng		
88) Benzo(k)fluoranthene	16.44	252	663507m	37.64	ng		
89) Benzo(a)pyrene	16.87	252	641404	39.02	ng	#	96
90) Dibenzo(a,h)anthracene	18.86	278	645807	39.97	ng		99
91) Benzo(g,h,i)perylene	19.41	276	642730	38.44	ng		96

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

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