Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079933.D
Acq On : 12 Jun 2015 11:23
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
6/13/2015 8:45:23 AM

Quant Time: Jun 12 15:36:16 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 13:46:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	44498	20.00	ng		0.00
21) Naphthalene-d8	8.68	136	183168	20.00	ng		0.00
38) Acenaphthene-d10	10.46	164	91441	20.00	ng		0.00
63) Phenanthrene-d10	12.00	188	187629	20.00	ng		0.03
75) Chrysene-d12	15.15	240	210231m	20.00	ng		0.31
86) Perylene-d12	17.17	264	212123m	20.00	ng		0.46
System Monitoring Compounds							
5) 2-Fluorophenol	6.00	112	205499	84.68	ng		0.00
7) Phenol-d6	6.99	99	289818	87.66	ng		0.00
23) Nitrobenzene-d5	7.95	82	237657	85.61	ng		0.00
41) 2,4,6-Tribromophenol	11.26	330	64845	71.77	ng		0.00
44) 2-Fluorobiphenyl	9.76	172	514430	78.78	ng		0.00
78) Terphenyl-d14	13.78	244	739289m	81.07	ng		0.17
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	45393	41.12	ng		99
3) Pyridine	4.12	79	115217	40.73	ng		98
4) n-Nitrosodimethylamine	4.03	42	59537	42.70	ng		95
6) Aniline	7.05	93	202186	42.26	ng		99
8) 2-Chlorophenol	7.18	128	125204	42.45	ng		99
9) Benzaldehyde	6.94	77	72804	38.31	ng		99
10) Phenol	7.00	94	156938	43.16	ng		97
11) bis(2-Chloroethyl)ether	7.11	93	125176	42.78	ng		100
12) 1,3-Dichlorobenzene	7.34	146	145910	42.41	ng		100
13) 1,4-Dichlorobenzene	7.42	146	149952	41.96	ng		100
14) 1,2-Dichlorobenzene	7.56	146	135146	42.58	ng		99
15) Benzyl Alcohol	7.52	79	110838	41.81	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.66	45	177851	41.04	ng		99
17) 2-Methylphenol	7.62	107	109488	42.49	ng		99
18) Hexachloroethane	7.92	117	48286	43.63	ng		99
19) n-Nitroso-di-n-propylamine	7.78	70	95960	40.62	ng		99
20) 3+4-Methylphenols	7.77	107	137216	41.67	ng		98
22) Acetophenone	7.79	105	185302	42.84	ng		98
24) Nitrobenzene	7.96	77	120558	40.82	ng		99
25) Isophorone	8.20	82	260572	40.33	ng		100
26) 2-Nitrophenol	8.30	139	39457	38.60	ng		96
27) 2,4-Dimethylphenol	8.31	122	115916	40.03	ng		98
28) bis(2-Chloroethoxy)methane	8.41	93	154490	40.27	ng		99
29) 2,4-Dichlorophenol	8.52	162	100335	41.38	ng		99
30) 1,2,4-Trichlorobenzene	8.63	180	126950	41.19	ng		98
31) Naphthalene	8.71	128	404877	40.44	ng		100
32) Benzoic acid	8.38	122	35608m	34.43	ng		
33) 4-Chloroaniline	8.74	127	212202	54.60	ng		99
34) Hexachlorobutadiene	8.82	225	67971	39.73	ng		96
35) Caprolactam	9.08	113	32142	41.91	ng	#	77
36) 4-Chloro-3-methylphenol	9.21	107	115098	41.55	ng		99
37) 2-Methylnaphthalene	9.40	142	273499	40.43	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.58	216	126210	41.21	ng		99
40) Hexachlorocyclopentadiene	9.56	237	32150	32.86	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.68	196	82240	43.58	ng		100
43) 2,4,5-Trichlorophenol	9.71	196	84983	40.80	ng		96
45) 1,1'-Biphenyl	9.87	154	306735	41.45	ng		92
46) 2-Chloronaphthalene	9.90	162	253531	40.24	ng		99
47) 2-Nitroaniline	9.98	65	48624	37.01	ng		98
48) Acenaphthylene	10.32	152	432928	40.71	ng		99
49) Dimethylphthalate	10.15	163	283418	38.69	ng		100
50) 2,6-Dinitrotoluene	10.22	165	50834	38.61	ng		97
51) Acenaphthene	10.49	154	236921	39.19	ng		98
52) 3-Nitroaniline	10.39	138	61982	38.68	ng		98
53) 2,4-Dinitrophenol	10.50	184	753	12.81	ng	#	1
54) Dibenzofuran	10.66	168	349416	39.56	ng		99
55) 4-Nitrophenol	10.52	139	39721	35.44	ng		97
56) 2,4-Dinitrotoluene	10.63	165	63271	36.90	ng		92
57) Fluorene	11.02	166	313648	40.74	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.78	232	64152	40.63	ng	#	98
59) Diethylphthalate	10.86	149	287138	39.20	ng		99
60) 4-Chlorophenyl-phenylether	11.00	204	139859	40.68	ng	#	77
61) 4-Nitroaniline	11.00	138	59449	35.68	ng		93
62) Azobenzene	11.16	77	288922	40.99	ng		84
64) 4,6-Dinitro-2-methylphenol	11.04	198	3286	16.92	ng	#	68
65) n-Nitrosodiphenylamine	11.11	169	250164	41.30	ng		100
66) 4-Bromophenyl-phenylether	11.51	248	86560	41.17	ng		95
67) Hexachlorobenzene	11.59	284	97292	42.42	ng		97
68) Atrazine	11.65	200	82552	44.28	ng		99
69) Pentachlorophenol	11.78	266	36050	38.06	ng		95
70) Phenanthrene	12.02	178	479984	42.92	ng		100
71) Anthracene	12.08	178	465935	43.06	ng		98
72) Carbazole	12.23	167	424910	40.49	ng		99
73) Di-n-butylphthalate	12.57	149	480128	41.99	ng	#	98
74) Fluoranthene	13.35	202	500329	40.47	ng		98
76) Benzidine	13.47	184	223991m	38.47	ng		
77) Pyrene	13.62	202	523356m	39.64	ng		
79) Butylbenzylphthalate	14.38	149	204834m	45.94	ng		
80) Benzo(a)anthracene	15.14	228	521109m	39.04	ng		
81) 3,3'-Dichlorobenzidine	15.09	252	167957m	39.35	ng		
82) Chrysene	15.19	228	484663m	40.95	ng		
83) Bis(2-ethylhexyl)phthalate	15.13	149	320442m	44.90	ng		
84) Di-n-octyl phthalate	16.01	149	556744m	47.84	ng		
85) Indeno(1,2,3-cd)pyrene	19.11	276	574503m	41.09	ng		
87) Benzo(b)fluoranthene	16.61	252	556681m	42.83	ng		
88) Benzo(k)fluoranthene	16.64	252	472791m	35.67	ng		
89) Benzo(a)pyrene	17.09	252	479883m	38.82	ng		
90) Dibenzo(a,h)anthracene	19.14	278	470642m	38.73	ng		
91) Benzo(g,h,i)perylene	19.69	276	485736m	38.64	ng		

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

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