Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
Data File : BF082372.D
Acq On : 19 Oct 2015 23:11
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
MMdadoda
10/20/2015 6:25:54 PM

Quant Time: Oct 20 03:11:08 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 20 01:57:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	155148	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	601750	20.00	ng		0.01
38) Acenaphthene-d10	9.85	164	297715	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	583434	20.00	ng		0.00
75) Chrysene-d12	14.05	240	485610	20.00	ng		-0.05
86) Perylene-d12	15.59	264	396767	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	604027	78.57	ng		0.00
7) Phenol-d6	6.46	99	765715	76.54	ng		0.01
23) Nitrobenzene-d5	7.38	82	688863	76.88	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	187952	67.32	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	1276651	71.11	ng		0.00
78) Terphenyl-d14	12.94	244	1320192	72.04	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	134426	34.80	ng		99
3) Pyridine	3.05	79	380440	42.35	ng		98
4) n-Nitrosodimethylamine	3.03	42	160901	42.23	ng		96
6) Aniline	6.47	93	497205	38.55	ng	#	23
8) 2-Chlorophenol	6.59	128	366416	39.04	ng		95
9) Benzaldehyde	6.35	77	220473	43.16	ng		99
10) Phenol	6.47	94	438089	37.98	ng	#	72
11) bis(2-Chloroethyl)ether	6.55	93	355698	36.47	ng		97
12) 1,3-Dichlorobenzene	6.74	146	423550	38.75	ng		100
13) 1,4-Dichlorobenzene	6.82	146	442782	38.79	ng		100
14) 1,2-Dichlorobenzene	6.97	146	361417	33.35	ng		99
15) Benzyl Alcohol	6.96	79	276913	40.10	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	466569	34.35	ng		66
17) 2-Methylphenol	7.07	107	274442	36.98	ng		96
18) Hexachloroethane	7.31	117	151258	38.72	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	235538	33.53	ng	#	90
20) 3+4-Methylphenols	7.23	107	331907	37.53	ng	#	82
22) Acetophenone	7.22	105	487552	40.96	ng	#	91
24) Nitrobenzene	7.41	77	408737	42.14	ng	#	88
25) Isophorone	7.65	82	712680	39.41	ng	#	94
26) 2-Nitrophenol	7.71	139	201794	41.67	ng	#	88
27) 2,4-Dimethylphenol	7.76	122	302818	38.81	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	407434	38.72	ng		98
29) 2,4-Dichlorophenol	7.97	162	337829	43.31	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	349803	38.91	ng		98
31) Naphthalene	8.13	128	999685	38.32	ng		99
32) Benzoic acid	7.92	122	171121	32.68	ng		93
33) 4-Chloroaniline	8.18	127	423991	39.14	ng	#	93
34) Hexachlorobutadiene	8.23	225	199833	35.67	ng		98
35) Caprolactam	8.58	113	98543	43.53	ng		92
36) 4-Chloro-3-methylphenol	8.67	107	319212	41.85	ng	#	83
37) 2-Methylnaphthalene	8.81	142	691447	38.24	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	356892	40.30	ng		96
40) Hexachlorocyclopentadiene	8.96	237	121003	32.51	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	235726	40.08	ng		99
43) 2,4,5-Trichlorophenol	9.14	196	256863	40.32	ng		98
45) 1,1'-Biphenyl	9.28	154	849522	37.42	ng		97
46) 2-Chloronaphthalene	9.30	162	654593	36.63	ng	#	94
47) 2-Nitroaniline	9.41	65	192382	39.21	ng		93
48) Acenaphthylene	9.71	152	1032525	37.09	ng		99
49) Dimethylphthalate	9.59	163	786158	37.50	ng		100
50) 2,6-Dinitrotoluene	9.66	165	197582	44.67	ng		98
51) Acenaphthene	9.90	154	608212	36.39	ng		99
52) 3-Nitroaniline	9.83	138	215276	43.08	ng		99
53) 2,4-Dinitrophenol	9.93	184	90479	40.07	ng		93
54) Dibenzofuran	10.07	168	869633	37.90	ng		93
55) 4-Nitrophenol	10.00	139	105965	38.53	ng		96
56) 2,4-Dinitrotoluene	10.06	165	227923	41.22	ng	#	90
57) Fluorene	10.41	166	734863	38.99	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	190972	36.69	ng		98
59) Diethylphthalate	10.29	149	802691	41.08	ng		100
60) 4-Chlorophenyl-phenylether	10.40	204	368522	42.69	ng		90
61) 4-Nitroaniline	10.45	138	199359	41.13	ng		94
62) Azobenzene	10.56	77	785745	41.08	ng		94
64) 4,6-Dinitro-2-methylphenol	10.47	198	132697	40.53	ng		79
65) n-Nitrosodiphenylamine	10.53	169	700228	40.09	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	231550	39.66	ng	#	90
67) Hexachlorobenzene	10.95	284	213600	33.83	ng	#	63
68) Atrazine	11.05	200	189974	34.33	ng		99
69) Pentachlorophenol	11.15	266	120807	37.18	ng		98
70) Phenanthrene	11.37	178	1115167	38.99	ng		99
71) Anthracene	11.42	178	1087124	36.89	ng		99
72) Carbazole	11.58	167	988560	36.77	ng		99
73) Di-n-butylphthalate	11.91	149	1227010	37.00	ng		99
74) Fluoranthene	12.56	202	1172442	38.17	ng		98
76) Benzidine	12.69	184	518684	36.86	ng		100
77) Pyrene	12.79	202	1124209	39.01	ng		99
79) Butylbenzylphthalate	13.43	149	544662	41.41	ng		100
80) Benzo(a)anthracene	14.04	228	974453	38.57	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	371129	38.70	ng		99
82) Chrysene	14.08	228	1007779	37.85	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	749386	39.94	ng		99
84) Di-n-octyl phthalate	14.71	149	1293920	40.15	ng		99
85) Indeno(1,2,3-cd)pyrene	17.02	276	858905	40.59	ng		99
87) Benzo(b)fluoranthene	15.17	252	843084	34.93	ng		99
88) Benzo(k)fluoranthene	15.20	252	893807m	44.05	ng		
89) Benzo(a)pyrene	15.52	252	793374	38.24	ng		98
90) Dibenzo(a,h)anthracene	17.04	278	715591	42.09	ng	#	96
91) Benzo(g,h,i)perylene	17.45	276	691187	41.85	ng		99

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

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