Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
Data File : BF081980.D
Acq On : 2 Oct 2015 14:05
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDADODA
10/5/2015 6:16:46 PM

Quant Time: Oct 03 03:30:59 2015
Quant Method : H:\HPCHEM1\BNA F\Method\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	123356	20.00	ng		-0.05
21) Naphthalene-d8	8.17	136	474775	20.00	ng		-0.05
38) Acenaphthene-d10	9.93	164	229775	20.00	ng		-0.05
63) Phenanthrene-d10	11.43	188	469677	20.00	ng		-0.03
75) Chrysene-d12	14.08	240	436463	20.00	ng		-0.03
86) Perylene-d12	15.53	264	384929	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	501185	73.75	ng		-0.04
7) Phenol-d6	6.51	99	614294	71.84	ng		-0.05
23) Nitrobenzene-d5	7.46	82	563512	79.12	ng		-0.03
41) 2,4,6-Tribromophenol	10.73	330	183555	78.88	ng		-0.03
44) 2-Fluorobiphenyl	9.26	172	1126772	81.38	ng		-0.05
78) Terphenyl-d14	13.02	244	1170954	87.30	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	117157	39.64	ng		85
3) Pyridine	3.19	79	318527	41.40	ng		87
4) n-Nitrosodimethylamine	3.15	42	121381	34.74	ng		94
6) Aniline	6.55	93	410148	35.70	ng	#	88
8) 2-Chlorophenol	6.67	128	277608	37.00	ng		95
9) Benzaldehyde	6.43	77	164384	29.36	ng	#	80
10) Phenol	6.53	94	339255	35.37	ng		69
11) bis(2-Chloroethyl)ether	6.63	93	291750	39.22	ng		92
12) 1,3-Dichlorobenzene	6.82	146	323494m	36.50	ng		
13) 1,4-Dichlorobenzene	6.90	146	347579m	37.55	ng		
14) 1,2-Dichlorobenzene	7.06	146	318800	38.66	ng		99
15) Benzyl Alcohol	7.03	79	207537	33.62	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.17	45	372448	35.42	ng		81
17) 2-Methylphenol	7.14	107	231916	38.12	ng	#	88
18) Hexachloroethane	7.39	117	109434	37.77	ng		91
19) n-Nitroso-di-n-propylamine	7.30	70	180602	34.75	ng	#	77
20) 3+4-Methylphenols	7.29	107	265682	34.57	ng	#	75
22) Acetophenone	7.30	105	379986	39.14	ng	#	82
24) Nitrobenzene	7.47	77	285489	36.91	ng	#	68
25) Isophorone	7.71	82	532068	37.69	ng	#	91
26) 2-Nitrophenol	7.79	139	157709	42.48	ng	#	80
27) 2,4-Dimethylphenol	7.83	122	255411	39.11	ng	#	82
28) bis(2-Chloroethoxy)methane	7.93	93	329588	39.32	ng	#	95
29) 2,4-Dichlorophenol	8.03	162	255929	40.41	ng		96
30) 1,2,4-Trichlorobenzene	8.11	180	274623	38.84	ng		97
31) Naphthalene	8.19	128	766962m	36.46	ng		
32) Benzoic acid	7.93	122	106413	30.42	ng	#	69
33) 4-Chloroaniline	8.25	127	356945	39.24	ng	#	93
34) Hexachlorobutadiene	8.31	225	158804	37.98	ng		97
35) Caprolactam	8.63	113	71098	40.56	ng		88
36) 4-Chloro-3-methylphenol	8.73	107	252873	40.84	ng		91
37) 2-Methylnaphthalene	8.89	142	552388	38.47	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	271858	38.54	ng		99
40) Hexachlorocyclopentadiene	9.04	237	143518	39.51	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	180641	37.35	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	213217	42.87	ng		96
45) 1,1'-Biphenyl	9.36	154	705411	39.79	ng		94
46) 2-Chloronaphthalene	9.38	162	555114	39.88	ng		96
47) 2-Nitroaniline	9.49	65	163006	39.89	ng		90
48) Acenaphthylene	9.79	152	820441	36.83	ng		96
49) Dimethylphthalate	9.67	163	612996	38.65	ng	#	97
50) 2,6-Dinitrotoluene	9.73	165	139468	40.50	ng	#	73
51) Acenaphthene	9.97	154	506971	38.32	ng		90
52) 3-Nitroaniline	9.90	138	167272	41.99	ng	#	68
53) 2,4-Dinitrophenol	10.00	184	46983	41.75	ng	#	54
54) Dibenzofuran	10.15	168	721733	38.60	ng		96
55) 4-Nitrophenol	10.06	139	105472	36.64	ng	#	70
56) 2,4-Dinitrotoluene	10.13	165	172180	39.22	ng	#	72
57) Fluorene	10.49	166	572826	42.73	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.26	232	172344	43.69	ng		90
59) Diethylphthalate	10.37	149	618161	41.73	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	277851	40.59	ng		92
61) 4-Nitroaniline	10.51	138	158816	39.76	ng	#	48
62) Azobenzene	10.64	77	590782	40.86	ng		92
64) 4,6-Dinitro-2-methylphenol	10.54	198	84982	41.27	ng		82
65) n-Nitrosodiphenylamine	10.61	169	539929	38.00	ng		92
66) 4-Bromophenyl-phenylether	10.97	248	178716m	37.74	ng		
67) Hexachlorobenzene	11.03	284	176830	33.09	ng	#	87
68) Atrazine	11.13	200	171495	38.89	ng		83
69) Pentachlorophenol	11.22	266	106037	34.82	ng		99
70) Phenanthrene	11.45	178	883304	38.85	ng		95
71) Anthracene	11.51	178	940125	39.38	ng		98
72) Carbazole	11.66	167	841861	38.96	ng		95
73) Di-n-butylphthalate	11.99	149	919317	41.68	ng	#	98
74) Fluoranthene	12.64	202	974170	38.72	ng		90
76) Benzidine	12.78	184	458319	34.85	ng		98
77) Pyrene	12.87	202	936395	35.91	ng		95
79) Butylbenzylphthalate	13.50	149	429118	43.74	ng	#	91
80) Benzo(a)anthracene	14.07	228	864479	36.78	ng		96
81) 3,3'-Dichlorobenzidine	14.04	252	342985	43.21	ng	#	94
82) Chrysene	14.10	228	952274m	48.17	ng		
83) Bis(2-ethylhexyl)phthalate	14.05	149	530174	43.08	ng	#	90
84) Di-n-octyl phthalate	14.68	149	945723	47.22	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.98	276	732736	39.85	ng	#	88
87) Benzo(b)fluoranthene	15.11	252	804318	36.60	ng	#	86
88) Benzo(k)fluoranthene	15.14	252	887415m	44.06	ng		
89) Benzo(a)pyrene	15.48	252	760717	39.90	ng	#	85
90) Dibenzo(a,h)anthracene	17.00	278	607410	37.98	ng	#	82
91) Benzo(g,h,i)perylene	17.42	276	587220	35.83	ng	#	77

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

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