Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
Data File : BF081419.D
Acq On : 4 Sep 2015 15:00
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDadoda
9/8/2015 1:56:35 PM

Quant Time: Sep 07 00:59:21 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	69741	20.00	ng		-0.02
21) Naphthalene-d8	7.66	136	273821	20.00	ng		-0.02
38) Acenaphthene-d10	9.39	164	120155	20.00	ng		-0.02
63) Phenanthrene-d10	10.86	188	233543	20.00	ng		-0.02
75) Chrysene-d12	13.46	240	147238	20.00	ng		-0.03
86) Perylene-d12	14.77	264	113544	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	360176	80.13	ng		-0.02
7) Phenol-d6	6.03	99	464084	78.00	ng		-0.02
23) Nitrobenzene-d5	6.95	82	462353	81.47	ng		-0.02
41) 2,4,6-Tribromophenol	10.18	330	91270	85.31	ng		-0.02
44) 2-Fluorobiphenyl	8.74	172	749588	79.95	ng		-0.02
78) Terphenyl-d14	12.44	244	587614	92.90	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.68	88	66702	33.04	ng	#	94
3) Pyridine	2.23	79	197405	35.46	ng	#	90
4) n-Nitrosodimethylamine	2.19	42	129771	41.96	ng	#	75
6) Aniline	6.02	93	317830	37.83	ng	#	82
8) 2-Chlorophenol	6.15	128	197725	39.92	ng		83
9) Benzaldehyde	5.90	77	141705	38.01	ng	#	75
10) Phenol	6.04	94	243454	35.28	ng	#	43
11) bis(2-Chloroethyl)ether	6.11	93	189075	37.98	ng		85
12) 1,3-Dichlorobenzene	6.30	146	200384	37.86	ng	#	90
13) 1,4-Dichlorobenzene	6.38	146	195383	36.26	ng	#	88
14) 1,2-Dichlorobenzene	6.54	146	185089	38.15	ng	#	94
15) Benzyl Alcohol	6.54	79	197358	40.43	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	6.67	45	392100	41.09	ng		79
17) 2-Methylphenol	6.66	107	148110	37.47	ng	#	74
18) Hexachloroethane	6.87	117	81107	38.69	ng		91
19) n-Nitroso-di-n-propylamine	6.81	70	161730	39.94	ng	#	87
20) 3+4-Methylphenols	6.82	107	202563	38.01	ng		87
22) Acetophenone	6.80	105	294828	39.42	ng	#	83
24) Nitrobenzene	6.96	77	205656	34.89	ng	#	61
25) Isophorone	7.21	82	410988	38.93	ng	#	83
26) 2-Nitrophenol	7.28	139	103501	40.29	ng	#	38
27) 2,4-Dimethylphenol	7.35	122	181509	40.91	ng	#	76
28) bis(2-Chloroethoxy)methane	7.44	93	239960	39.35	ng	#	93
29) 2,4-Dichlorophenol	7.53	162	150372	39.08	ng		90
30) 1,2,4-Trichlorobenzene	7.60	180	157180	37.61	ng		95
31) Naphthalene	7.68	128	586157	40.14	ng		99
32) Benzoic acid	7.50	122	86114	28.29	ng	#	55
33) 4-Chloroaniline	7.74	127	220919	37.09	ng	#	78
34) Hexachlorobutadiene	7.80	225	103246	40.59	ng		99
35) Caprolactam	8.12	113	46711	39.59	ng	#	16
36) 4-Chloro-3-methylphenol	8.25	107	186464	43.30	ng		83
37) 2-Methylnaphthalene	8.36	142	355436	37.40	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	155483	40.92	ng		99
40) Hexachlorocyclopentadiene	8.52	237	60776	32.59	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	104484	39.84	ng		99
43) 2,4,5-Trichlorophenol	8.70	196	110616	41.35	ng	#	86
45) 1,1'-Biphenyl	8.83	154	480445	43.46	ng		96
46) 2-Chloronaphthalene	8.84	162	298277	37.36	ng	#	87
47) 2-Nitroaniline	8.96	65	147391	45.30	ng	#	64
48) Acenaphthylene	9.26	152	573831	40.52	ng		97
49) Dimethylphthalate	9.15	163	382250	40.95	ng	#	97
50) 2,6-Dinitrotoluene	9.21	165	86035	40.61	ng	#	87
51) Acenaphthene	9.43	154	331164	41.10	ng		90
52) 3-Nitroaniline	9.37	138	97955	40.61	ng	#	47
53) 2,4-Dinitrophenol	9.47	184	28061	31.44	ng	#	1
54) Dibenzofuran	9.60	168	474752	40.36	ng	#	88
55) 4-Nitrophenol	9.56	139	62652m	41.34	ng		
56) 2,4-Dinitrotoluene	9.60	165	99877	37.02	ng	#	1
57) Fluorene	9.93	166	345407	38.69	ng		95
58) 2,3,4,6-Tetrachlorophenol	9.72	232	80055m	39.19	ng		
59) Diethylphthalate	9.84	149	363095	36.98	ng		94
60) 4-Chlorophenyl-phenylether	9.94	204	174468	41.93	ng		92
61) 4-Nitroaniline	9.98	138	82665	33.92	ng	#	28
62) Azobenzene	10.09	77	426993	39.11	ng	#	79
64) 4,6-Dinitro-2-methylphenol	10.01	198	51096	39.12	ng		93
65) n-Nitrosodiphenylamine	10.07	169	342053	40.25	ng		90
66) 4-Bromophenyl-phenylether	10.42	248	97734	41.39	ng		92
67) Hexachlorobenzene	10.48	284	101588	41.14	ng	#	84
68) Atrazine	10.60	200	99049	40.28	ng		84
69) Pentachlorophenol	10.67	266	46080	42.89	ng		98
70) Phenanthrene	10.88	178	463466	35.70	ng		96
71) Anthracene	10.94	178	554863	41.60	ng		98
72) Carbazole	11.10	167	446563	35.68	ng	#	95
73) Di-n-butylphthalate	11.45	149	594862	40.24	ng	#	98
74) Fluoranthene	12.06	202	518451	36.89	ng		86
76) Benzidine	12.19	184	119687	18.94	ng		98
77) Pyrene	12.27	202	493140	45.21	ng		98
79) Butylbenzylphthalate	12.93	149	215785	45.49	ng	#	86
80) Benzo(a)anthracene	13.45	228	366027	39.04	ng		97
81) 3,3'-Dichlorobenzidine	13.44	252	114896	36.33	ng	#	92
82) Chrysene	13.49	228	307400	36.57	ng		95
83) Bis(2-ethylhexyl)phthalate	13.49	149	245823	39.27	ng	#	87
84) Di-n-octyl phthalate	14.10	149	396427	38.46	ng		96
85) Indeno(1,2,3-cd)pyrene	15.84	276	286218	46.41	ng	#	87
87) Benzo(b)fluoranthene	14.45	252	337430m	41.63	ng		
88) Benzo(k)fluoranthene	14.47	252	240013m	35.68	ng		
89) Benzo(a)pyrene	14.72	252	258305	37.60	ng	#	89
90) Dibenzo(a,h)anthracene	15.86	278	241983	45.59	ng	#	77
91) Benzo(g,h,i)perylene	16.16	276	241023	47.58	ng	#	77

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

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