Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081540.D
Acq On : 9 Sep 2015 2:06
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:35 PM

Quant Time: Sep 09 03:32:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 08 15:49:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	52791	20.00	ng		0.01
21) Naphthalene-d8	7.64	136	189697	20.00	ng		0.00
38) Acenaphthene-d10	9.38	164	79863	20.00	ng		0.00
63) Phenanthrene-d10	10.84	188	128184	20.00	ng		0.00
75) Chrysene-d12	13.45	240	123268	20.00	ng		0.00
86) Perylene-d12	14.75	264	111657	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.88	112	270697	79.56	ng		0.00
7) Phenol-d6	6.02	99	351401	78.02	ng		0.00
23) Nitrobenzene-d5	6.94	82	340090	86.50	ng		0.01
41) 2,4,6-Tribromophenol	10.16	330	46615	65.55	ng		0.00
44) 2-Fluorobiphenyl	8.72	172	479552	76.95	ng		0.00
78) Terphenyl-d14	12.42	244	340679	64.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.67	88	167387	109.54	ng	#	42
3) Pyridine	2.20	79	148800	35.31	ng	#	84
4) n-Nitrosodimethylamine	2.18	42	102650	43.85	ng	#	66
6) Aniline	6.01	93	240124	37.76	ng	#	80
8) 2-Chlorophenol	6.14	128	147823	39.43	ng		90
9) Benzaldehyde	5.88	77	105822	37.50	ng	#	77
10) Phenol	6.03	94	202991	38.86	ng	#	50
11) bis(2-Chloroethyl)ether	6.10	93	140970	37.41	ng		89
12) 1,3-Dichlorobenzene	6.28	146	163469	40.81	ng	#	91
13) 1,4-Dichlorobenzene	6.36	146	162790	39.91	ng	#	89
14) 1,2-Dichlorobenzene	6.52	146	137904	37.55	ng		96
15) Benzyl Alcohol	6.51	79	137010	37.08	ng	#	69
16) 2,2'-oxybis(1-Chloropropan	6.66	45	290576	40.23	ng		83
17) 2-Methylphenol	6.65	107	119840	40.06	ng	#	76
18) Hexachloroethane	6.86	117	59750	37.65	ng		94
19) n-Nitroso-di-n-propylamine	6.80	70	129122	42.12	ng	#	86
20) 3+4-Methylphenols	6.81	107	155776	38.62	ng		88
22) Acetophenone	6.78	105	206328	39.82	ng	#	71
24) Nitrobenzene	6.95	77	162499	39.80	ng	#	60
25) Isophorone	7.20	82	305322	41.75	ng	#	86
26) 2-Nitrophenol	7.27	139	74668	41.96	ng	#	44
27) 2,4-Dimethylphenol	7.34	122	124791	40.60	ng	#	80
28) bis(2-Chloroethoxy)methane	7.42	93	164055	38.84	ng	#	91
29) 2,4-Dichlorophenol	7.52	162	108081	40.55	ng		95
30) 1,2,4-Trichlorobenzene	7.59	180	121607	42.00	ng		96
31) Naphthalene	7.66	128	381710	37.73	ng		98
32) Benzoic acid	7.47	122	55592	26.53	ng	#	53
33) 4-Chloroaniline	7.72	127	152559	36.97	ng	#	78
34) Hexachlorobutadiene	7.79	225	75494	42.84	ng		98
35) Caprolactam	8.11	113	29770	36.42	ng	#	28
36) 4-Chloro-3-methylphenol	8.23	107	116386	39.01	ng	#	71
37) 2-Methylnaphthalene	8.35	142	273411	41.53	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	102712	40.67	ng		98
40) Hexachlorocyclopentadiene	8.50	237	10694	8.63	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.64	196	69742	40.01	ng		100
43) 2,4,5-Trichlorophenol	8.68	196	73146	41.13	ng	#	94
45) 1,1'-Biphenyl	8.82	154	300994	40.97	ng		95
46) 2-Chloronaphthalene	8.83	162	219074	41.29	ng	#	89
47) 2-Nitroaniline	8.95	65	91334	42.23	ng	#	77
48) Acenaphthylene	9.23	152	347649	36.93	ng		96
49) Dimethylphthalate	9.13	163	239874	38.66	ng	#	97
50) 2,6-Dinitrotoluene	9.19	165	44937	31.91	ng	#	5
51) Acenaphthene	9.42	154	204195	38.13	ng		90
52) 3-Nitroaniline	9.36	138	61495	38.36	ng	#	86
53) 2,4-Dinitrophenol	9.47	184	4127	6.96	ng	#	54
54) Dibenzofuran	9.58	168	277215	35.45	ng	#	77
55) 4-Nitrophenol	9.54	139	32521m	32.29	ng		
56) 2,4-Dinitrotoluene	9.59	165	59384	33.12	ng	#	35
57) Fluorene	9.92	166	238058	40.12	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.71	232	50655m	37.31	ng		
59) Diethylphthalate	9.83	149	273516	41.91	ng		98
60) 4-Chlorophenyl-phenylether	9.93	204	108900	39.38	ng		93
61) 4-Nitroaniline	9.95	138	55101	34.02	ng	#	12
62) Azobenzene	10.08	77	273596	37.70	ng		82
64) 4,6-Dinitro-2-methylphenol	10.00	198	9725	13.56	ng		81
65) n-Nitrosodiphenylamine	10.04	169	198001	42.45	ng		91
66) 4-Bromophenyl-phenylether	10.41	248	55810	43.06	ng	#	86
67) Hexachlorobenzene	10.46	284	53168	39.23	ng	#	65
68) Atrazine	10.58	200	49724	36.84	ng		83
69) Pentachlorophenol	10.66	266	28049	46.61	ng		97
70) Phenanthrene	10.87	178	299643	42.05	ng		98
71) Anthracene	10.91	178	269555	36.82	ng		98
72) Carbazole	11.08	167	268935	39.14	ng		99
73) Di-n-butylphthalate	11.44	149	365477	45.05	ng	#	98
74) Fluoranthene	12.03	202	280538	36.36	ng		90
76) Benzidine	12.18	184	163600	30.92	ng		98
77) Pyrene	12.26	202	305959	33.51	ng		98
79) Butylbenzylphthalate	12.91	149	147592	37.17	ng		99
80) Benzo(a)anthracene	13.44	228	311995	39.74	ng		98
81) 3,3'-Dichlorobenzidine	13.42	252	97009	36.64	ng	#	96
82) Chrysene	13.47	228	245596	34.90	ng		96
83) Bis(2-ethylhexyl)phthalate	13.47	149	194277	37.07	ng	#	88
84) Di-n-octyl phthalate	14.08	149	365070	42.31	ng		97
85) Indeno(1,2,3-cd)pyrene	15.83	276	234766	45.47	ng	#	85
87) Benzo(b)fluoranthene	14.43	252	333615m	41.85	ng		
88) Benzo(k)fluoranthene	14.46	252	240743m	36.40	ng		
89) Benzo(a)pyrene	14.71	252	246012	36.42	ng	#	88
90) Dibenzo(a,h)anthracene	15.84	278	197908	37.92	ng	#	80
91) Benzo(g,h,i)perylene	16.14	276	170532	34.23	ng	#	77

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

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