Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
Data File : BF090524.D
Acq On : 12 Oct 2016 1:52
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
10/12/2016 4:09:12 PM

Quant Time: Oct 12 05:42:19 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 16:14:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	218322	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	897401	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	479325	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	806999	20.00	ng		0.01
75) Chrysene-d12	14.13	240	647131	20.00	ng		0.00
86) Perylene-d12	15.61	264	446673	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	1149421	81.91	ng		0.01
7) Phenol-d6	6.60	99	1401644	79.15	ng		0.01
23) Nitrobenzene-d5	7.53	82	1300494	78.60	ng		0.01
41) 2,4,6-Tribromophenol	10.79	330	393699	82.86	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1987878	69.69	ng		0.00
78) Terphenyl-d14	13.08	244	2484161	93.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	261863	38.04	ng	#	79
3) Pyridine	3.40	79	707104	37.17	ng	#	74
4) n-Nitrosodimethylamine	3.34	42	226869	36.38	ng	#	33
6) Aniline	6.62	93	867349	38.61	ng		91
8) 2-Chlorophenol	6.75	128	603019	40.39	ng	#	82
9) Benzaldehyde	6.50	77	423035	37.92	ng		95
10) Phenol	6.61	94	850312	42.57	ng		85
11) bis(2-Chloroethyl)ether	6.69	93	597941	39.99	ng		95
12) 1,3-Dichlorobenzene	6.90	146	665787	41.34	ng		99
13) 1,4-Dichlorobenzene	6.98	146	636688m	38.74	ng		
14) 1,2-Dichlorobenzene	7.13	146	598573	40.08	ng		99
15) Benzyl Alcohol	7.10	79	565347	41.58	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.23	45	782336	36.51	ng		83
17) 2-Methylphenol	7.22	107	510609	42.05	ng		99
18) Hexachloroethane	7.47	117	233655	38.53	ng		96
19) n-Nitroso-di-n-propylamine	7.38	70	441509	39.09	ng	#	73
20) 3+4-Methylphenols	7.37	107	578649	37.64	ng	#	70
22) Acetophenone	7.37	105	744664	37.69	ng	#	94
24) Nitrobenzene	7.54	77	589191	33.20	ng		98
25) Isophorone	7.79	82	1132441	37.61	ng	#	93
26) 2-Nitrophenol	7.86	139	342099	42.25	ng		93
27) 2,4-Dimethylphenol	7.90	122	579204	42.08	ng		97
28) bis(2-Chloroethoxy)methane	7.99	93	732543	39.39	ng		99
29) 2,4-Dichlorophenol	8.11	162	456584	39.67	ng		96
30) 1,2,4-Trichlorobenzene	8.19	180	534866	40.45	ng		95
31) Naphthalene	8.27	128	1758289	39.33	ng		99
32) Benzoic acid	8.03	122	423553	38.99	ng		99
33) 4-Chloroaniline	8.31	127	757852	40.04	ng	#	92
34) Hexachlorobutadiene	8.38	225	289099	39.11	ng		99
35) Caprolactam	8.69	113	139074	37.27	ng	#	75
36) 4-Chloro-3-methylphenol	8.81	107	512734	38.14	ng	#	81
37) 2-Methylnaphthalene	8.95	142	1029542	34.31	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	563639	42.00	ng		99
40) Hexachlorocyclopentadiene	9.11	237	260838	39.16	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	371048m	41.01	ng		
43) 2,4,5-Trichlorophenol	9.27	196	334287m	37.33	ng		
45) 1,1'-Biphenyl	9.42	154	1432982	39.14	ng		98
46) 2-Chloronaphthalene	9.45	162	1004766	36.89	ng		99
47) 2-Nitroaniline	9.54	65	343208	35.33	ng		94
48) Acenaphthylene	9.87	152	1734508	39.47	ng		98
49) Dimethylphthalate	9.73	163	1229746	38.15	ng	#	96
50) 2,6-Dinitrotoluene	9.79	165	299017	42.01	ng	#	60
51) Acenaphthene	10.04	154	1147006	38.94	ng		98
52) 3-Nitroaniline	9.96	138	373402	42.28	ng	#	78
53) 2,4-Dinitrophenol	10.05	184	93198	23.60	ng	#	75
54) Dibenzofuran	10.21	168	1526684	38.96	ng		98
55) 4-Nitrophenol	10.12	139	252787	36.83	ng		87
56) 2,4-Dinitrotoluene	10.19	165	410167	43.57	ng	#	71
57) Fluorene	10.55	166	1274881	39.85	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	293000	39.23	ng		89
59) Diethylphthalate	10.43	149	1277562	38.97	ng		97
60) 4-Chlorophenyl-phenylether	10.54	204	609484	41.29	ng		95
61) 4-Nitroaniline	10.57	138	347544	38.57	ng		94
62) Azobenzene	10.70	77	1358153	37.93	ng		90
64) 4,6-Dinitro-2-methylphenol	10.60	198	177373	32.91	ng	#	39
65) n-Nitrosodiphenylamine	10.66	169	982512	37.44	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	378835	42.37	ng		95
67) Hexachlorobenzene	11.10	284	422420	42.76	ng	#	90
68) Atrazine	11.19	200	354669	43.67	ng		95
69) Pentachlorophenol	11.30	266	201133	34.22	ng		98
70) Phenanthrene	11.51	178	1670327	37.56	ng		98
71) Anthracene	11.57	178	1734227	38.49	ng		97
72) Carbazole	11.72	167	1450084	34.08	ng		99
73) Di-n-butylphthalate	12.05	149	2009883	39.22	ng		98
74) Fluoranthene	12.70	202	1694488	37.32	ng		97
76) Benzidine	12.83	184	695537	34.20	ng		98
77) Pyrene	12.93	202	1654717	40.85	ng		99
79) Butylbenzylphthalate	13.55	149	826545	43.59	ng	#	84
80) Benzo(a)anthracene	14.12	228	1549264	40.17	ng		98
81) 3,3'-Dichlorobenzidine	14.09	252	544816	39.25	ng	#	97
82) Chrysene	14.17	228	1579592	44.00	ng		98
83) Bis(2-ethylhexyl)phthalate	14.11	149	1210727	43.75	ng	#	97
84) Di-n-octyl phthalate	14.73	149	1849144	43.15	ng	#	86
85) Indeno(1,2,3-cd)pyrene	17.09	276	1005788	33.65	ng		98
87) Benzo(b)fluoranthene	15.18	252	1322043	44.86	ng		99
88) Benzo(k)fluoranthene	15.21	252	1049528m	39.98	ng		
89) Benzo(a)pyrene	15.55	252	1072555	41.44	ng		100
90) Dibenzo(a,h)anthracene	17.10	278	882245	40.13	ng	#	95
91) Benzo(g,h,i)perylene	17.54	276	787197	38.72	ng		99

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

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