Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
Data File : BF090769.D
Acq On : 22 Oct 2016 18:22
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 96 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
10/24/2016 3:52:50 PM

Quant Time: Oct 24 03:03:54 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 21 17:36:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	240624	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	997207	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	497536	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	750514	20.00	ng		-0.01
75) Chrysene-d12	14.02	240	512659	20.00	ng		0.00
86) Perylene-d12	15.45	264	370522	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1195570	80.13	ng		0.01
7) Phenol-d6	6.50	99	1512308	74.83	ng		0.00
23) Nitrobenzene-d5	7.42	82	1308128	71.95	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	394964	100.30	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	2328784	72.66	ng		-0.01
78) Terphenyl-d14	12.97	244	1861577	83.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	306539	35.51	ng	#	80
3) Pyridine	3.23	79	800487	39.57	ng	#	75
4) n-Nitrosodimethylamine	3.19	42	233191	33.69	ng	#	68
6) Aniline	6.52	93	886596	38.69	ng	#	60
8) 2-Chlorophenol	6.65	128	708902	39.58	ng		97
9) Benzaldehyde	6.41	77	401313	36.32	ng	#	80
10) Phenol	6.51	94	775257	34.13	ng	#	47
11) bis(2-Chloroethyl)ether	6.60	93	738202	38.67	ng		88
12) 1,3-Dichlorobenzene	6.79	146	703444	39.10	ng	#	92
13) 1,4-Dichlorobenzene	6.87	146	756212	39.63	ng	#	92
14) 1,2-Dichlorobenzene	7.03	146	673608	36.06	ng		99
15) Benzyl Alcohol	7.00	79	488189	35.56	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.14	45	854051	29.88	ng		69
17) 2-Methylphenol	7.13	107	521054	38.61	ng	#	80
18) Hexachloroethane	7.37	117	273762	35.34	ng		91
19) n-Nitroso-di-n-propylamine	7.27	70	460203	30.58	ng	#	71
20) 3+4-Methylphenols	7.27	107	579953	36.26	ng	#	60
22) Acetophenone	7.27	105	837909	37.70	ng	#	83
24) Nitrobenzene	7.45	77	766058	38.87	ng	#	71
25) Isophorone	7.69	82	1247236	36.24	ng	#	89
26) 2-Nitrophenol	7.77	139	334490	41.54	ng	#	88
27) 2,4-Dimethylphenol	7.80	122	543815	38.09	ng	#	81
28) bis(2-Chloroethoxy)methane	7.90	93	730996	38.82	ng	#	95
29) 2,4-Dichlorophenol	8.01	162	512984	43.78	ng		94
30) 1,2,4-Trichlorobenzene	8.09	180	591417	42.89	ng		97
31) Naphthalene	8.17	128	1819615	37.30	ng		96
32) Benzoic acid	7.95	122	295114	32.26	ng	#	71
33) 4-Chloroaniline	8.22	127	764844	42.28	ng	#	97
34) Hexachlorobutadiene	8.28	225	318119	41.03	ng		98
35) Caprolactam	8.60	113	138910	41.51	ng		93
36) 4-Chloro-3-methylphenol	8.70	107	537856	39.46	ng	#	83
37) 2-Methylnaphthalene	8.85	142	1147294	40.24	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	560562	41.73	ng		98
40) Hexachlorocyclopentadiene	9.01	237	234432	37.17	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	357915	42.96	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	352265	41.66	ng		96
45) 1,1'-Biphenyl	9.32	154	1425836	36.49	ng		91
46) 2-Chloronaphthalene	9.34	162	1070391	36.86	ng	#	89
47) 2-Nitroaniline	9.45	65	363030	37.66	ng	#	81
48) Acenaphthylene	9.77	152	1739643	39.26	ng		97
49) Dimethylphthalate	9.63	163	1341938	42.92	ng	#	98
50) 2,6-Dinitrotoluene	9.69	165	271050	40.32	ng	#	64
51) Acenaphthene	9.94	154	1136246	38.62	ng		88
52) 3-Nitroaniline	9.86	138	315190	40.78	ng	#	63
53) 2,4-Dinitrophenol	9.96	184	72755	28.91	ng	#	40
54) Dibenzofuran	10.11	168	1452598	40.76	ng		92
55) 4-Nitrophenol	10.03	139	154068	35.98	ng	#	71
56) 2,4-Dinitrotoluene	10.09	165	333861	40.63	ng	#	66
57) Fluorene	10.45	166	1193058	40.40	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.22	232	308522	46.50	ng		99
59) Diethylphthalate	10.33	149	1343447	41.43	ng		97
60) 4-Chlorophenyl-phenylether	10.44	204	604547	44.79	ng		97
61) 4-Nitroaniline	10.47	138	308264	39.38	ng	#	56
62) Azobenzene	10.60	77	1379162	36.32	ng		88
64) 4,6-Dinitro-2-methylphenol	10.50	198	147400	32.27	ng		90
65) n-Nitrosodiphenylamine	10.57	169	971377	40.40	ng		91
66) 4-Bromophenyl-phenylether	10.93	248	337281	46.36	ng	#	89
67) Hexachlorobenzene	10.99	284	383980	44.72	ng	#	80
68) Atrazine	11.09	200	326912	49.26	ng		86
69) Pentachlorophenol	11.19	266	157146	36.91	ng		98
70) Phenanthrene	11.41	178	1572655	41.11	ng		96
71) Anthracene	11.46	178	1636558	38.58	ng		95
72) Carbazole	11.62	167	1513828	42.68	ng		95
73) Di-n-butylphthalate	11.95	149	1991167	43.28	ng	#	98
74) Fluoranthene	12.59	202	1411871	38.15	ng		98
76) Benzidine	12.72	184	417777	36.70	ng		96
77) Pyrene	12.82	202	1416612	39.56	ng		95
79) Butylbenzylphthalate	13.45	149	725246	44.07	ng	#	93
80) Benzo(a)anthracene	14.01	228	1066497	38.01	ng		95
81) 3,3'-Dichlorobenzidine	13.97	252	386574	39.76	ng	#	96
82) Chrysene	14.04	228	1121974	40.98	ng		95
83) Bis(2-ethylhexyl)phthalate	14.01	149	982656	41.73	ng		98
84) Di-n-octyl phthalate	14.61	149	1342851	37.57	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.86	276	952303	39.87	ng	#	93
87) Benzo(b)fluoranthene	15.05	252	988808	43.40	ng	#	87
88) Benzo(k)fluoranthene	15.07	252	834756m	36.46	ng		
89) Benzo(a)pyrene	15.39	252	861924	40.32	ng	#	91
90) Dibenzo(a,h)anthracene	16.88	278	827463	40.32	ng	#	85
91) Benzo(g,h,i)perylene	17.29	276	774395	38.90	ng	#	80

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

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