Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090460.D
Acq On : 7 Oct 2016 22:52
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
10/10/2016 6:53:19 PM

Quant Time: Oct 08 00:38:25 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	277986	20.00	ng		-0.01
21) Naphthalene-d8	8.28	136	1189321	20.00	ng		-0.01
38) Acenaphthene-d10	10.04	164	589041	20.00	ng		-0.01
63) Phenanthrene-d10	11.53	188	897545	20.00	ng		-0.02
75) Chrysene-d12	14.18	240	565435	20.00	ng		-0.02
86) Perylene-d12	15.68	264	466120	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1280687	68.76	ng		-0.01
7) Phenol-d6	6.62	99	1769504	72.54	ng		0.00
23) Nitrobenzene-d5	7.56	82	1720098	70.35	ng		-0.01
41) 2,4,6-Tribromophenol	10.83	330	327460	68.37	ng		-0.02
44) 2-Fluorobiphenyl	9.37	172	2709284	76.63	ng		-0.01
78) Terphenyl-d14	13.12	244	2041191	81.16	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	315246	34.33	ng	#	87
3) Pyridine	3.45	79	949922	37.10	ng	#	79
4) n-Nitrosodimethylamine	3.39	42	326227	30.88	ng	#	48
6) Aniline	6.65	93	1174993	34.87	ng	#	62
8) 2-Chlorophenol	6.78	128	727725	35.50	ng		83
9) Benzaldehyde	6.53	77	494441	40.10	ng		92
10) Phenol	6.65	94	980668	34.58	ng	#	64
11) bis(2-Chloroethyl)ether	6.73	93	779750	35.91	ng		98
12) 1,3-Dichlorobenzene	6.93	146	759716m	37.18	ng		
13) 1,4-Dichlorobenzene	7.01	146	759301	36.59	ng		93
14) 1,2-Dichlorobenzene	7.16	146	688236	34.42	ng		97
15) Benzyl Alcohol	7.14	79	667348	35.98	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.26	45	1077681	29.26	ng		87
17) 2-Methylphenol	7.25	107	644793	38.25	ng		99
18) Hexachloroethane	7.50	117	261276	31.94	ng		92
19) n-Nitroso-di-n-propylamine	7.41	70	645929	36.11	ng	#	78
20) 3+4-Methylphenols	7.40	107	708651	32.48	ng	#	79
22) Acetophenone	7.40	105	954349	33.88	ng		98
24) Nitrobenzene	7.57	77	778537	32.07	ng		96
25) Isophorone	7.81	82	1528020	34.18	ng		96
26) 2-Nitrophenol	7.89	139	389752	37.31	ng	#	85
27) 2,4-Dimethylphenol	7.94	122	724203	35.64	ng		97
28) bis(2-Chloroethoxy)methane	8.03	93	982244	37.15	ng		98
29) 2,4-Dichlorophenol	8.14	162	578271	37.44	ng		98
30) 1,2,4-Trichlorobenzene	8.22	180	632334	39.72	ng		97
31) Naphthalene	8.30	128	2114906	36.86	ng		99
32) Benzoic acid	8.04	122	270697	19.16	ng		96
33) 4-Chloroaniline	8.35	127	913917	38.54	ng		94
34) Hexachlorobutadiene	8.42	225	302191	33.97	ng		98
35) Caprolactam	8.73	113	192336	37.03	ng	#	88
36) 4-Chloro-3-methylphenol	8.83	107	664959	34.38	ng		94
37) 2-Methylnaphthalene	8.99	142	1278586	36.81	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	584141	37.61	ng		98
40) Hexachlorocyclopentadiene	9.15	237	131845	15.49	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	428968	40.03	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	404797	39.95	ng	#	86
45) 1,1'-Biphenyl	9.46	154	1538906	35.26	ng		95
46) 2-Chloronaphthalene	9.49	162	1296239	40.19	ng	#	92
47) 2-Nitroaniline	9.58	65	509300	40.02	ng	#	81
48) Acenaphthylene	9.90	152	1911889	35.93	ng		100
49) Dimethylphthalate	9.77	163	1604279	42.53	ng		99
50) 2,6-Dinitrotoluene	9.82	165	359780	42.96	ng	#	82
51) Acenaphthene	10.07	154	1106994	33.36	ng		98
52) 3-Nitroaniline	9.99	138	437647	44.73	ng		95
53) 2,4-Dinitrophenol	10.09	184	20564	5.51	ng	#	1
54) Dibenzofuran	10.25	168	1597653	37.20	ng		95
55) 4-Nitrophenol	10.15	139	238740	27.89	ng	#	63
56) 2,4-Dinitrotoluene	10.22	165	443679	39.80	ng	#	51
57) Fluorene	10.59	166	1251655	34.68	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.36	232	238273m	31.49	ng		
59) Diethylphthalate	10.46	149	1563971	40.07	ng		96
60) 4-Chlorophenyl-phenylether	10.58	204	616089	37.54	ng		89
61) 4-Nitroaniline	10.60	138	373496	37.89	ng		94
62) Azobenzene	10.74	77	1548006	34.34	ng		89
64) 4,6-Dinitro-2-methylphenol	10.63	198	43075	11.74	ng	#	46
65) n-Nitrosodiphenylamine	10.70	169	1300873	43.25	ng		98
66) 4-Bromophenyl-phenylether	11.07	248	354448	40.29	ng	#	80
67) Hexachlorobenzene	11.14	284	401354	40.96	ng	#	76
68) Atrazine	11.23	200	336265	45.34	ng		98
69) Pentachlorophenol	11.33	266	164608	28.22	ng		99
70) Phenanthrene	11.56	178	1843053	40.10	ng		97
71) Anthracene	11.61	178	1653402	35.23	ng		99
72) Carbazole	11.75	167	1559577	35.77	ng		98
73) Di-n-butylphthalate	12.09	149	2083518	39.26	ng		99
74) Fluoranthene	12.75	202	1592641	35.33	ng		93
76) Benzidine	12.86	184	525755	35.36	ng		99
77) Pyrene	12.98	202	1545567	40.99	ng		99
79) Butylbenzylphthalate	13.60	149	779059	40.27	ng		90
80) Benzo(a)anthracene	14.17	228	1158708	36.52	ng		99
81) 3,3'-Dichlorobenzidine	14.13	252	409965	35.64	ng	#	99
82) Chrysene	14.20	228	965144	33.06	ng		98
83) Bis(2-ethylhexyl)phthalate	14.16	149	1018769	37.05	ng	#	98
84) Di-n-octyl phthalate	14.77	149	1499917	36.79	ng	#	91
85) Indeno(1,2,3-cd)pyrene	17.18	276	942837	45.29	ng		94
87) Benzo(b)fluoranthene	15.24	252	1131975	38.13	ng		98
88) Benzo(k)fluoranthene	15.26	252	916014m	32.84	ng		
89) Benzo(a)pyrene	15.62	252	987372	38.58	ng		97
90) Dibenzo(a,h)anthracene	17.21	278	800036	36.75	ng	#	95
91) Benzo(g,h,i)perylene	17.64	276	705100	33.75	ng		97

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

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