Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012516\
Data File : BF084615.D
Acq On : 25 Jan 2016 18:54
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
1/26/2016 10:43:31 AM

Quant Time: Jan 26 09:51:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 16:24:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	268265	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	1107611	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	524726	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	1043890	20.00	ng		-0.01
75) Chrysene-d12	13.89	240	815555	20.00	ng		0.00
86) Perylene-d12	15.28	264	704234	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1311626	79.08	ng		0.00
7) Phenol-d6	6.40	99	1579292	75.82	ng		0.00
23) Nitrobenzene-d5	7.31	82	1523023	76.53	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	424608	80.15	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	2415007	80.64	ng		0.00
78) Terphenyl-d14	12.84	244	2732766	74.80	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	277765	35.35	ng	#	78
3) Pyridine	2.92	79	546992	24.97	ng	#	68
4) n-Nitrosodimethylamine	2.88	42	347430	30.90	ng	#	70
6) Aniline	6.41	93	1029149	33.77	ng	#	54
8) 2-Chlorophenol	6.52	128	694758	36.92	ng		85
9) Benzaldehyde	6.28	77	437395	32.25	ng		98
10) Phenol	6.41	94	942482	39.80	ng		78
11) bis(2-Chloroethyl)ether	6.49	93	749664	40.86	ng		89
12) 1,3-Dichlorobenzene	6.68	146	773724	39.86	ng		99
13) 1,4-Dichlorobenzene	6.76	146	744588m	38.25	ng		
14) 1,2-Dichlorobenzene	6.91	146	688771	36.95	ng		98
15) Benzyl Alcohol	6.90	79	659875	37.66	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1123037	33.61	ng		97
17) 2-Methylphenol	7.01	107	557216	35.33	ng	#	93
18) Hexachloroethane	7.25	117	306169	39.33	ng		98
19) n-Nitroso-di-n-propylamine	7.17	70	505966	35.88	ng	#	77
20) 3+4-Methylphenols	7.17	107	720241	38.85	ng		88
22) Acetophenone	7.16	105	1014612	38.09	ng	#	96
24) Nitrobenzene	7.33	77	800075	39.64	ng		97
25) Isophorone	7.57	82	1486747	39.06	ng		98
26) 2-Nitrophenol	7.64	139	393032	42.78	ng	#	74
27) 2,4-Dimethylphenol	7.70	122	694622	37.36	ng		95
28) bis(2-Chloroethoxy)methane	7.79	93	920624	39.60	ng		98
29) 2,4-Dichlorophenol	7.89	162	585792	37.82	ng		97
30) 1,2,4-Trichlorobenzene	7.97	180	655416	40.99	ng	#	95
31) Naphthalene	8.05	128	2102964	41.85	ng		98
32) Benzoic acid	7.85	122	509641	43.31	ng		95
33) 4-Chloroaniline	8.11	127	981679	42.61	ng	#	91
34) Hexachlorobutadiene	8.17	225	343048	37.32	ng		98
35) Caprolactam	8.50	113	219369	42.01	ng	#	45
36) 4-Chloro-3-methylphenol	8.60	107	751414	43.31	ng		98
37) 2-Methylnaphthalene	8.74	142	1279324	35.46	ng		95
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	653754	43.34	ng		99
40) Hexachlorocyclopentadiene	8.90	237	336665	36.97	ng		98

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Quant Time: Jan 26 09:51:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	432085	38.29	ng		95
43) 2,4,5-Trichlorophenol	9.07	196	471183	43.55	ng		94
45) 1,1'-Biphenyl	9.21	154	1609279	38.59	ng		99
46) 2-Chloronaphthalene	9.23	162	1293313	39.48	ng		95
47) 2-Nitroaniline	9.33	65	506958	46.89	ng		90
48) Acenaphthylene	9.64	152	1777583	36.73	ng		97
49) Dimethylphthalate	9.52	163	1509543	40.24	ng	#	90
50) 2,6-Dinitrotoluene	9.57	165	329842	40.09	ng	#	44
51) Acenaphthene	9.81	154	1261174	38.85	ng		97
52) 3-Nitroaniline	9.74	138	368177	36.11	ng		96
53) 2,4-Dinitrophenol	9.85	184	189498	55.22	ng	#	82
54) Dibenzofuran	9.98	168	1568804	36.77	ng	#	89
55) 4-Nitrophenol	9.92	139	284639	38.46	ng	#	73
56) 2,4-Dinitrotoluene	9.98	165	482952	46.38	ng	#	85
57) Fluorene	10.33	166	1297111	39.61	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	409038	44.28	ng		91
59) Diethylphthalate	10.21	149	1463805	39.58	ng		98
60) 4-Chlorophenyl-phenylether	10.33	204	665322	49.25	ng	#	87
61) 4-Nitroaniline	10.36	138	400365	44.05	ng		94
62) Azobenzene	10.49	77	1659280	40.90	ng		93
64) 4,6-Dinitro-2-methylphenol	10.38	198	253315	39.72	ng	#	66
65) n-Nitrosodiphenylamine	10.44	169	1194749	35.80	ng		98
66) 4-Bromophenyl-phenylether	10.81	248	409533	36.45	ng	#	74
67) Hexachlorobenzene	10.88	284	507650	40.14	ng		97
68) Atrazine	10.98	200	426628	39.06	ng		98
69) Pentachlorophenol	11.07	266	283692	43.26	ng		99
70) Phenanthrene	11.29	178	2226250	40.77	ng		95
71) Anthracene	11.33	178	2049583	38.29	ng		97
72) Carbazole	11.49	167	1797632	34.35	ng		98
73) Di-n-butylphthalate	11.84	149	2538034	45.86	ng	#	97
74) Fluoranthene	12.46	202	2160154	37.87	ng		98
76) Benzidine	12.59	184	917269	31.37	ng		99
77) Pyrene	12.69	202	2106309	32.91	ng		97
79) Butylbenzylphthalate	13.32	149	982056	35.46	ng		89
80) Benzo(a)anthracene	13.88	228	1914460	39.98	ng		97
81) 3,3'-Dichlorobenzidine	13.85	252	720357	43.10	ng	#	94
82) Chrysene	13.92	228	1771540	38.50	ng		98
83) Bis(2-ethylhexyl)phthalate	13.88	149	1237784	35.38	ng		98
84) Di-n-octyl phthalate	14.50	149	2390448	40.47	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.60	276	1483972	40.68	ng		98
87) Benzo(b)fluoranthene	14.90	252	2012598m	43.69	ng		
88) Benzo(k)fluoranthene	14.92	252	1226156m	32.54	ng		
89) Benzo(a)pyrene	15.23	252	1585822	40.58	ng	#	98
90) Dibenzo(a,h)anthracene	16.61	278	1209484	35.97	ng		98
91) Benzo(g,h,i)perylene	17.00	276	1217879	34.98	ng		97

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

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