Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
Data File : BF092798.D
Acq On : 6 Feb 2017 16:08
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/7/2017 3:14:20 PM

Quant Time: Feb 07 01:21:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	157801	20.00	ng		-0.06
21) Naphthalene-d8	8.20	136	651308	20.00	ng		-0.06
38) Acenaphthene-d10	9.96	164	356203	20.00	ng		-0.05
63) Phenanthrene-d10	11.45	188	568310	20.00	ng		-0.05
75) Chrysene-d12	14.09	240	469057	20.00	ng		-0.06
86) Perylene-d12	15.53	264	383321	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	732192	79.60	ng		-0.06
7) Phenol-d6	6.56	99	964859	81.53	ng		-0.05
23) Nitrobenzene-d5	7.48	82	900616	77.00	ng		-0.06
41) 2,4,6-Tribromophenol	10.75	330	215915	83.81	ng		-0.06
44) 2-Fluorobiphenyl	9.28	172	1399571	71.18	ng		-0.06
78) Terphenyl-d14	13.03	244	1422287	71.25	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	195338	39.30	ng		86
3) Pyridine	3.28	79	518608	41.04	ng		85
4) n-Nitrosodimethylamine	3.24	42	251680	42.41	ng		83
6) Aniline	6.58	93	672545	41.66	ng	#	57
8) 2-Chlorophenol	6.70	128	437817	43.15	ng		96
9) Benzaldehyde	6.46	77	325812	38.43	ng		97
10) Phenol	6.57	94	505382	36.50	ng		99
11) bis(2-Chloroethyl)ether	6.66	93	469912	42.52	ng		98
12) 1,3-Dichlorobenzene	6.85	146	475905	40.04	ng	#	92
13) 1,4-Dichlorobenzene	6.93	146	502606	41.78	ng		96
14) 1,2-Dichlorobenzene	7.09	146	461211m	40.10	ng		
15) Benzyl Alcohol	7.06	79	333235	38.03	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	766486	39.92	ng		94
17) 2-Methylphenol	7.18	107	388655	44.65	ng		97
18) Hexachloroethane	7.42	117	162070	39.47	ng	#	89
19) n-Nitroso-di-n-propylamine	7.33	70	284439	37.76	ng		96
20) 3+4-Methylphenols	7.33	107	404129	38.83	ng	#	83
22) Acetophenone	7.33	105	587686	39.52	ng	#	93
24) Nitrobenzene	7.50	77	504652	42.02	ng		96
25) Isophorone	7.74	82	883293	40.53	ng		99
26) 2-Nitrophenol	7.82	139	236008	41.34	ng	#	74
27) 2,4-Dimethylphenol	7.86	122	378392	37.74	ng		97
28) bis(2-Chloroethoxy)methane	7.95	93	515399	35.71	ng		98
29) 2,4-Dichlorophenol	8.06	162	394524	42.19	ng		94
30) 1,2,4-Trichlorobenzene	8.14	180	417190	41.40	ng		97
31) Naphthalene	8.22	128	1249361	37.84	ng		99
32) Benzoic acid	7.98	122	210569	38.70	ng		96
33) 4-Chloroaniline	8.27	127	497896	38.45	ng		94
34) Hexachlorobutadiene	8.34	225	214534	38.70	ng		99
35) Caprolactam	8.65	113	118465	40.28	ng	#	33
36) 4-Chloro-3-methylphenol	8.76	107	404337	41.48	ng		95
37) 2-Methylnaphthalene	8.91	142	791743	37.35	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	414900	41.49	ng		99
40) Hexachlorocyclopentadiene	9.07	237	171431	38.00	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	271700	41.35	ng		94
43) 2,4,5-Trichlorophenol	9.24	196	272602	37.87	ng	#	79
45) 1,1'-Biphenyl	9.38	154	1006495	39.02	ng		98
46) 2-Chloronaphthalene	9.40	162	769697	38.15	ng		96
47) 2-Nitroaniline	9.50	65	285117	42.03	ng	#	86
48) Acenaphthylene	9.82	152	1377142	39.51	ng		98
49) Dimethylphthalate	9.69	163	964929	40.22	ng		99
50) 2,6-Dinitrotoluene	9.74	165	208723	40.28	ng	#	87
51) Acenaphthene	10.00	154	831814	39.91	ng		96
52) 3-Nitroaniline	9.92	138	237176	40.00	ng		93
53) 2,4-Dinitrophenol	10.02	184	95301	38.75	ng	#	75
54) Dibenzofuran	10.17	168	1093261	39.22	ng	#	90
55) 4-Nitrophenol	10.09	139	168867	39.54	ng	#	61
56) 2,4-Dinitrotoluene	10.14	165	251021	36.39	ng		98
57) Fluorene	10.51	166	871031	40.62	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.28	232	198814	41.40	ng		98
59) Diethylphthalate	10.38	149	867265	38.36	ng	#	93
60) 4-Chlorophenyl-phenylether	10.50	204	412497	40.04	ng	#	83
61) 4-Nitroaniline	10.53	138	257621	42.42	ng		88
62) Azobenzene	10.66	77	931386	39.87	ng		93
64) 4,6-Dinitro-2-methylphenol	10.56	198	138769	40.55	ng	#	66
65) n-Nitrosodiphenylamine	10.61	169	715879	39.43	ng		99
66) 4-Bromophenyl-phenylether	10.99	248	255461	43.03	ng	#	84
67) Hexachlorobenzene	11.06	284	236020	40.23	ng	#	82
68) Atrazine	11.15	200	262065	44.98	ng		94
69) Pentachlorophenol	11.25	266	115434	41.88	ng		98
70) Phenanthrene	11.47	178	1344403	41.29	ng		99
71) Anthracene	11.52	178	1239542	37.91	ng		99
72) Carbazole	11.68	167	1181477	37.80	ng		99
73) Di-n-butylphthalate	12.01	149	1396111	41.30	ng	#	96
74) Fluoranthene	12.66	202	1362812	40.58	ng		92
76) Benzidine	12.77	184	643492	32.19	ng		99
77) Pyrene	12.89	202	1384180	39.43	ng		99
79) Butylbenzylphthalate	13.51	149	585293	41.06	ng	#	72
80) Benzo(a)anthracene	14.08	228	1066492	37.18	ng		99
81) 3,3'-Dichlorobenzidine	14.04	252	396730	38.79	ng	#	93
82) Chrysene	14.11	228	1012930	37.71	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	729887	37.44	ng		99
84) Di-n-octyl phthalate	14.67	149	1336012	42.09	ng		100
85) Indeno(1,2,3-cd)pyrene	16.98	276	855080	41.10	ng		95
87) Benzo(b)fluoranthene	15.12	252	1002928	39.75	ng		97
88) Benzo(k)fluoranthene	15.14	252	878078m	40.31	ng		
89) Benzo(a)pyrene	15.47	252	897300	41.12	ng		97
90) Dibenzo(a,h)anthracene	17.00	278	733762	41.60	ng		97
91) Benzo(g,h,i)perylene	17.43	276	736541	41.33	ng	#	96

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

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