Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF062817\
Data File : BF096243.D
Acq On : 28 Jun 2017 12:15
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/29/2017 5:59:07 PM

Quant Time: Jun 29 01:28:00 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:41:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	217604	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	930183	20.00	ng		0.01
38) Acenaphthene-d10	9.82	164	396180	20.00	ng		0.01
63) Phenanthrene-d10	11.30	188	649231	20.00	ng		0.01
75) Chrysene-d12	13.93	240	475348	20.00	ng		0.02
86) Perylene-d12	15.36	264	432937	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1220432	80.80	ng		0.02
7) Phenol-d6	6.42	99	1501686	82.11	ng		0.02
23) Nitrobenzene-d5	7.35	82	1192569	88.75	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	326083	104.58	ng		0.01
44) 2-Fluorobiphenyl	9.15	172	1822024	84.22	ng		0.00
78) Terphenyl-d14	12.88	244	1455801	76.42	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	294217	40.84	ng	#	80
3) Pyridine	3.22	79	810963	41.04	ng	#	70
4) n-Nitrosodimethylamine	3.16	42	396024	40.51	ng		93
6) Aniline	6.45	93	1023784	40.60	ng		100
8) 2-Chlorophenol	6.57	128	602173	40.63	ng		92
9) Benzaldehyde	6.33	77	458071	41.76	ng		97
10) Phenol	6.43	94	832759	41.42	ng		96
11) bis(2-Chloroethyl)ether	6.52	93	662844	40.29	ng		93
12) 1,3-Dichlorobenzene	6.73	146	648665	39.71	ng		98
13) 1,4-Dichlorobenzene	6.80	146	656842	40.06	ng		96
14) 1,2-Dichlorobenzene	6.96	146	592976	39.70	ng		98
15) Benzyl Alcohol	6.92	79	527301	42.73	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1366215	39.31	ng		92
17) 2-Methylphenol	7.04	107	527748	41.06	ng		97
18) Hexachloroethane	7.30	117	241124	40.78	ng	#	84
19) n-Nitroso-di-n-propylamine	7.20	70	435656	39.76	ng	#	87
20) 3+4-Methylphenols	7.19	107	593810	40.51	ng		97
22) Acetophenone	7.20	105	762891	39.46	ng	#	98
24) Nitrobenzene	7.36	77	663804	44.61	ng		96
25) Isophorone	7.61	82	1189103	38.97	ng		96
26) 2-Nitrophenol	7.68	139	322071	47.17	ng	#	84
27) 2,4-Dimethylphenol	7.72	122	549029	39.82	ng		96
28) bis(2-Chloroethoxy)methane	7.82	93	803265	38.86	ng		99
29) 2,4-Dichlorophenol	7.92	162	487318	41.44	ng		94
30) 1,2,4-Trichlorobenzene	8.01	180	456548	39.12	ng		97
31) Naphthalene	8.09	128	1756402	39.18	ng		100
32) Benzoic acid	7.84	122	363804	39.25	ng		96
33) 4-Chloroaniline	8.13	127	735373	39.62	ng		99
34) Hexachlorobutadiene	8.22	225	227711	39.33	ng		98
35) Caprolactam	8.50	113	169796	41.78	ng	#	60
36) 4-Chloro-3-methylphenol	8.62	107	513763	40.15	ng		91
37) 2-Methylnaphthalene	8.78	142	1131790	38.86	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	377919	39.41	ng		99
40) Hexachlorocyclopentadiene	8.94	237	206361	48.00	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	293221	40.56	ng		96
43) 2,4,5-Trichlorophenol	9.09	196	325779	42.75	ng		99
45) 1,1'-Biphenyl	9.25	154	1222748	40.23	ng		98
46) 2-Chloronaphthalene	9.27	162	966347	38.32	ng		93
47) 2-Nitroaniline	9.36	65	367806	46.18	ng		97
48) Acenaphthylene	9.68	152	1625754	38.86	ng		100
49) Dimethylphthalate	9.55	163	1098222	38.73	ng		99
50) 2,6-Dinitrotoluene	9.60	165	256426	43.48	ng	#	74
51) Acenaphthene	9.86	154	957116	38.87	ng		98
52) 3-Nitroaniline	9.77	138	328454	43.49	ng		94
53) 2,4-Dinitrophenol	9.87	184	110030	52.27	ng	#	74
54) Dibenzofuran	10.03	168	1267628	39.42	ng		99
55) 4-Nitrophenol	9.92	139	266829	43.69	ng	#	68
56) 2,4-Dinitrotoluene	10.00	165	331171	44.55	ng	#	82
57) Fluorene	10.37	166	932595	42.72	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	226414	42.53	ng		98
59) Diethylphthalate	10.25	149	1081029	37.97	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	386441	41.52	ng		98
61) 4-Nitroaniline	10.37	138	286856	43.66	ng		89
62) Azobenzene	10.52	77	1116579	38.89	ng		93
64) 4,6-Dinitro-2-methylphenol	10.41	198	162120	47.66	ng		91
65) n-Nitrosodiphenylamine	10.47	169	891237	38.17	ng		98
66) 4-Bromophenyl-phenylether	10.85	248	262190	39.25	ng		96
67) Hexachlorobenzene	10.92	284	290574	42.31	ng	#	88
68) Atrazine	11.00	200	246668	40.04	ng		94
69) Pentachlorophenol	11.10	266	182580	46.57	ng		99
70) Phenanthrene	11.32	178	1379259	41.82	ng		100
71) Anthracene	11.37	178	1448752	39.93	ng		98
72) Carbazole	11.53	167	1516181	37.85	ng		99
73) Di-n-butylphthalate	11.86	149	1676037	39.63	ng		99
74) Fluoranthene	12.51	202	1378237	38.22	ng		97
76) Benzidine	12.62	184	689493	38.69	ng	#	94
77) Pyrene	12.74	202	1410141	36.10	ng		99
79) Butylbenzylphthalate	13.36	149	709352	39.63	ng	#	77
80) Benzo(a)anthracene	13.92	228	1017443	35.11	ng		98
81) 3,3'-Dichlorobenzidine	13.89	252	440437	39.92	ng	#	97
82) Chrysene	13.96	228	1071161	35.74	ng		100
83) Bis(2-ethylhexyl)phthalate	13.92	149	763525	39.25	ng	#	98
84) Di-n-octyl phthalate	14.53	149	1526890	38.10	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.76	276	961624	38.66	ng		99
87) Benzo(b)fluoranthene	14.95	252	1034426m	36.37	ng		
88) Benzo(k)fluoranthene	14.98	252	938486	36.15	ng		96
89) Benzo(a)pyrene	15.30	252	919911	36.62	ng	#	97
90) Dibenzo(a,h)anthracene	16.77	278	803333	40.84	ng		96
91) Benzo(g,h,i)perylene	17.18	276	830759	40.63	ng		99

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

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