Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042717\
Data File : BF094665.D
Acq On : 27 Apr 2017 14:02
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/28/2017 3:00:32 PM

Quant Time: Apr 28 03:05:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	130665	20.00	ng		0.00
21) Naphthalene-d8	7.27	136	535387	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	244233	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	419182	20.00	ng		0.00
75) Chrysene-d12	14.48	240	342898	20.00	ng		0.00
86) Perylene-d12	16.10	264	276168	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.32	112	638374	81.05	ng		0.02
7) Phenol-d6	5.40	99	746422	80.39	ng		0.00
23) Nitrobenzene-d5	6.42	82	675199	77.87	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	155527	81.41	ng		0.00
44) 2-Fluorobiphenyl	8.59	172	1278559	77.02	ng		0.00
78) Terphenyl-d14	13.20	244	1052877	82.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.13	88	173291	37.83	ng		96
3) Pyridine	2.65	79	395015	39.46	ng		99
4) n-Nitrosodimethylamine	2.60	42	153990	37.18	ng		88
6) Aniline	5.41	93	477051	38.66	ng	#	75
8) 2-Chlorophenol	5.54	128	361620	40.35	ng		98
9) Benzaldehyde	5.28	77	282739	40.03	ng		99
10) Phenol	5.41	94	438753	38.47	ng		89
11) bis(2-Chloroethyl)ether	5.48	93	334771	40.18	ng		98
12) 1,3-Dichlorobenzene	5.71	146	400333	40.32	ng		99
13) 1,4-Dichlorobenzene	5.79	146	402559	40.30	ng		95
14) 1,2-Dichlorobenzene	5.97	146	372236	40.45	ng		98
15) Benzyl Alcohol	5.95	79	272485	39.56	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.10	45	446256	40.85	ng		77
17) 2-Methylphenol	6.09	107	286243	40.55	ng		97
18) Hexachloroethane	6.35	117	140786	41.11	ng		89
19) n-Nitroso-di-n-propylamine	6.26	70	248526	40.40	ng		97
20) 3+4-Methylphenols	6.28	107	391927	40.86	ng	#	63
22) Acetophenone	6.25	105	504328	38.74	ng	#	84
24) Nitrobenzene	6.45	77	354882	38.87	ng		93
25) Isophorone	6.74	82	652729	40.61	ng		96
26) 2-Nitrophenol	6.82	139	200522	40.88	ng		95
27) 2,4-Dimethylphenol	6.90	122	313269	39.32	ng		97
28) bis(2-Chloroethoxy)methane	7.00	93	415332	39.95	ng		99
29) 2,4-Dichlorophenol	7.12	162	301587	40.69	ng		98
30) 1,2,4-Trichlorobenzene	7.20	180	305534	39.87	ng		98
31) Naphthalene	7.30	128	1010259	39.25	ng		100
32) Benzoic acid	7.09	122	189473	44.97	ng		97
33) 4-Chloroaniline	7.37	127	420756m	39.30	ng		
34) Hexachlorobutadiene	7.45	225	151569	39.67	ng		97
35) Caprolactam	7.84	113	92122m	39.56	ng		
36) 4-Chloro-3-methylphenol	7.99	107	310554	39.98	ng		88
37) 2-Methylnaphthalene	8.14	142	703131	39.93	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	279282	40.16	ng		99
40) Hexachlorocyclopentadiene	8.32	237	110182	39.16	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	195743	40.08	ng		97
43) 2,4,5-Trichlorophenol	8.55	196	205191	40.91	ng		94
45) 1,1'-Biphenyl	8.71	154	798154	40.00	ng		97
46) 2-Chloronaphthalene	8.72	162	629912	39.70	ng		95
47) 2-Nitroaniline	8.87	65	176829	38.74	ng	#	83
48) Acenaphthylene	9.23	152	982266	39.71	ng		99
49) Dimethylphthalate	9.11	163	741780	40.75	ng		99
50) 2,6-Dinitrotoluene	9.17	165	160976	39.40	ng	#	89
51) Acenaphthene	9.44	154	579822	39.14	ng		98
52) 3-Nitroaniline	9.38	138	171595	36.30	ng		90
53) 2,4-Dinitrophenol	9.52	184	78723	38.71	ng	#	67
54) Dibenzofuran	9.66	168	868581	40.34	ng		99
55) 4-Nitrophenol	9.63	139	128066m	38.35	ng		
56) 2,4-Dinitrotoluene	9.67	165	209653	41.82	ng	#	86
57) Fluorene	10.08	166	652472	38.91	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.82	232	146133	40.65	ng		96
59) Diethylphthalate	9.97	149	686389	39.97	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	284189	40.73	ng		93
61) 4-Nitroaniline	10.13	138	153676	31.98	ng		96
62) Azobenzene	10.28	77	668779	40.11	ng		93
64) 4,6-Dinitro-2-methylphenol	10.18	198	112417	40.93	ng	#	68
65) n-Nitrosodiphenylamine	10.24	169	594584	40.78	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	174792	41.99	ng		97
67) Hexachlorobenzene	10.76	284	171664	40.92	ng		94
68) Atrazine	10.91	200	178069	40.83	ng		97
69) Pentachlorophenol	11.01	266	71598	42.99	ng		99
70) Phenanthrene	11.25	178	941673	39.89	ng		98
71) Anthracene	11.32	178	974251	39.90	ng		98
72) Carbazole	11.52	167	896227	39.11	ng		98
73) Di-n-butylphthalate	11.97	149	1093861	43.35	ng		99
74) Fluoranthene	12.71	202	953716	38.98	ng		98
76) Benzidine	12.89	184	390069	28.10	ng	#	94
77) Pyrene	12.99	202	976405	40.76	ng		100
79) Butylbenzylphthalate	13.81	149	455025	43.34	ng	#	85
80) Benzo(a)anthracene	14.47	228	786428	39.46	ng		98
81) 3,3'-Dichlorobenzidine	14.44	252	269961	38.26	ng	#	95
82) Chrysene	14.51	228	712782	39.13	ng		99
83) Bis(2-ethylhexyl)phthalate	14.52	149	628792	44.61	ng	#	99
84) Di-n-octyl phthalate	15.28	149	1037744	43.89	ng		97
85) Indeno(1,2,3-cd)pyrene	17.39	276	597240	34.46	ng		99
87) Benzo(b)fluoranthene	15.70	252	677021	40.07	ng		99
88) Benzo(k)fluoranthene	15.73	252	669642	41.89	ng		95
89) Benzo(a)pyrene	16.05	252	631748	40.20	ng		99
90) Dibenzo(a,h)anthracene	17.40	278	502476	38.50	ng		99
91) Benzo(g,h,i)perylene	17.77	276	485595	36.55	ng		97

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

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