Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF062217\
Data File : BF096116.D
Acq On : 22 Jun 2017 11:55
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/26/2017 8:27:15 AM

Quant Time: Jun 22 16:34:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	85473	20.00	ng		-0.02
21) Naphthalene-d8	9.31	136	403887	20.00	ng		-0.02
38) Acenaphthene-d10	12.13	164	161154	20.00	ng		-0.02
63) Phenanthrene-d10	14.53	188	293708	20.00	ng		-0.01
75) Chrysene-d12	18.27	240	230919	20.00	ng		0.00
86) Perylene-d12	19.94	264	177963	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	428240	79.84	ng		-0.02
7) Phenol-d6	6.85	99	515709	80.31	ng		-0.02
23) Nitrobenzene-d5	8.21	82	518039	79.66	ng		-0.01
41) 2,4,6-Tribromophenol	13.43	330	116590	81.77	ng		-0.02
44) 2-Fluorobiphenyl	11.09	172	886698	76.57	ng		-0.02
78) Terphenyl-d14	16.92	244	783739	84.23	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.59	88	120908	47.38	ng		88
3) Pyridine	2.12	79	225306	37.57	ng		94
4) n-Nitrosodimethylamine	2.09	42	89018	39.04	ng		94
6) Aniline	6.77	93	339708	40.44	ng		96
8) 2-Chlorophenol	6.97	128	236316	41.43	ng		94
9) Benzaldehyde	6.59	77	159476	36.82	ng		95
10) Phenol	6.87	94	282242	42.37	ng		92
11) bis(2-Chloroethyl)ether	6.92	93	222211	42.11	ng		99
12) 1,3-Dichlorobenzene	7.17	146	263501	40.82	ng		99
13) 1,4-Dichlorobenzene	7.30	146	275843	42.14	ng		97
14) 1,2-Dichlorobenzene	7.53	146	261678	43.36	ng		95
15) Benzyl Alcohol	7.59	79	195078	44.26	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.78	45	356763	48.12	ng		98
17) 2-Methylphenol	7.82	107	228371	47.71	ng		98
18) Hexachloroethane	8.05	117	104570	48.36	ng	#	88
19) n-Nitroso-di-n-propylamine	8.02	70	198932	48.88	ng		96
20) 3+4-Methylphenols	8.09	107	286612	47.17	ng	#	57
22) Acetophenone	7.98	105	381308	40.34	ng	#	83
24) Nitrobenzene	8.23	77	287566	41.39	ng		94
25) Isophorone	8.64	82	488424	40.22	ng		95
26) 2-Nitrophenol	8.75	139	147681	40.60	ng		96
27) 2,4-Dimethylphenol	8.90	122	234806	41.59	ng		98
28) bis(2-Chloroethoxy)methane	9.02	93	335847	41.96	ng		98
29) 2,4-Dichlorophenol	9.19	162	214123	39.38	ng		99
30) 1,2,4-Trichlorobenzene	9.25	180	224280	39.64	ng		97
31) Naphthalene	9.35	128	780688	38.51	ng		100
32) Benzoic acid	9.29	122	109330	32.80	ng		94
33) 4-Chloroaniline	9.50	127	315459	39.82	ng	#	93
34) Hexachlorobutadiene	9.56	225	107487	36.77	ng		98
35) Caprolactam	10.16	113	71088	43.94	ng		88
36) 4-Chloro-3-methylphenol	10.39	107	227028	39.89	ng		91
37) 2-Methylnaphthalene	10.47	142	555387	40.55	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.76	216	195841	40.61	ng		99
40) Hexachlorocyclopentadiene	10.72	237	52294	40.97	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.99	196	117188	37.79	ng		95
43) 2,4,5-Trichlorophenol	11.10	196	117409	35.60	ng		95
45) 1,1'-Biphenyl	11.25	154	530071	39.91	ng		96
46) 2-Chloronaphthalene	11.26	162	404587	38.99	ng		95
47) 2-Nitroaniline	11.49	65	122983	40.50	ng	#	83
48) Acenaphthylene	11.90	152	662918	37.36	ng		99
49) Dimethylphthalate	11.80	163	477929	39.06	ng		99
50) 2,6-Dinitrotoluene	11.90	165	100401	37.62	ng	#	63
51) Acenaphthene	12.19	154	402694	39.29	ng		99
52) 3-Nitroaniline	12.17	138	127264	40.93	ng		90
53) 2,4-Dinitrophenol	12.42	184	55692	40.35	ng	#	71
54) Dibenzofuran	12.47	168	574374	39.82	ng		98
55) 4-Nitrophenol	12.65	139	53429m	32.35	ng		
56) 2,4-Dinitrotoluene	12.58	165	153947	42.71	ng	#	94
57) Fluorene	13.03	166	503010	40.07	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.73	232	86885	38.50	ng	#	83
59) Diethylphthalate	12.95	149	485944	41.27	ng		99
60) 4-Chlorophenyl-phenylether	13.06	204	220664	40.42	ng		90
61) 4-Nitroaniline	13.17	138	125324	43.17	ng		96
62) Azobenzene	13.32	77	437245	40.97	ng		94
64) 4,6-Dinitro-2-methylphenol	13.26	198	74569	38.63	ng	#	74
65) n-Nitrosodiphenylamine	13.27	169	411369	38.98	ng		99
66) 4-Bromophenyl-phenylether	13.83	248	123138	40.34	ng		99
67) Hexachlorobenzene	13.92	284	124832	41.50	ng	#	88
68) Atrazine	14.20	200	124479	42.38	ng		98
69) Pentachlorophenol	14.31	266	38134m	37.28	ng		
70) Phenanthrene	14.57	178	683721	40.35	ng		98
71) Anthracene	14.65	178	712272	40.26	ng		98
72) Carbazole	14.96	167	734960	42.63	ng		97
73) Di-n-butylphthalate	15.55	149	793613	43.26	ng		98
74) Fluoranthene	16.36	202	715080	42.63	ng		99
76) Benzidine	16.59	184	279419	31.51	ng	#	93
77) Pyrene	16.66	202	725442	42.10	ng		99
79) Butylbenzylphthalate	17.59	149	324715	43.15	ng		87
80) Benzo(a)anthracene	18.26	228	542479	40.41	ng		98
81) 3,3'-Dichlorobenzidine	18.24	252	192448	40.32	ng	#	97
82) Chrysene	18.30	228	548360	40.87	ng		99
83) Bis(2-ethylhexyl)phthalate	18.34	149	449526	42.35	ng	#	100
84) Di-n-octyl phthalate	19.11	149	692840	39.61	ng		96
85) Indeno(1,2,3-cd)pyrene	21.09	276	367642m	32.03	ng		
87) Benzo(b)fluoranthene	19.53	252	453210	40.67	ng		98
88) Benzo(k)fluoranthene	19.56	252	456573	42.87	ng	#	95
89) Benzo(a)pyrene	19.88	252	418809	40.89	ng		98
90) Dibenzo(a,h)anthracene	21.09	278	311794	35.89	ng		97
91) Benzo(g,h,i)perylene	21.42	276	315596	35.63	ng		97

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

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