Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM010000.D
Acq On : 12 May 2017 00:30
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
5/12/2017 4:30:24 PM

Quant Time: May 12 07:29:47 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 19:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	48957	20.00	ng		-0.02
21) Naphthalene-d8	10.56	136	230465	20.00	ng		-0.02
38) Acenaphthene-d10	14.42	164	158123	20.00	ng		-0.02
63) Phenanthrene-d10	17.17	188	399910	20.00	ng		-0.02
75) Chrysene-d12	21.36	240	569275	20.00	ng		-0.02
86) Perylene-d12	23.66	264	464186	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	262155	83.80	ng		-0.02
7) Phenol-d6	6.95	99	424874	84.76	ng		-0.02
23) Nitrobenzene-d5	8.93	82	513711	81.46	ng		-0.02
41) 2,4,6-Tribromophenol	15.92	330	186146	86.02	ng		-0.02
44) 2-Fluorobiphenyl	13.03	172	933042	78.91	ng		-0.02
78) Terphenyl-d14	19.80	244	2131071	78.90	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	51719	44.62	ng	#	100
3) Pyridine	3.68	79	186475	43.65	ng		98
4) n-Nitrosodimethylamine	3.60	42	99366	42.47	ng	#	66
6) Aniline	7.10	93	283182	43.51	ng	#	87
8) 2-Chlorophenol	7.33	128	143152	42.15	ng	#	69
9) Benzaldehyde	6.92	77	158801	42.32	ng	#	79
10) Phenol	6.97	94	229977	42.22	ng		94
11) bis(2-Chloroethyl)ether	7.20	93	182353	43.05	ng		85
12) 1,3-Dichlorobenzene	7.65	146	162622	42.89	ng	#	89
13) 1,4-Dichlorobenzene	7.80	146	159198	40.98	ng	#	93
14) 1,2-Dichlorobenzene	8.11	146	160063	42.49	ng	#	90
15) Benzyl Alcohol	8.02	79	182952	42.82	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.29	45	288975	42.99	ng		99
17) 2-Methylphenol	8.22	107	152207	42.81	ng	#	85
18) Hexachloroethane	8.82	117	71621	44.46	ng		93
19) n-Nitroso-di-n-propylamine	8.57	70	200643	44.12	ng	#	93
20) 3+4-Methylphenols	8.55	107	210590	43.51	ng		89
22) Acetophenone	8.59	105	281208	39.91	ng	#	90
24) Nitrobenzene	8.98	77	271370	40.44	ng	#	87
25) Isophorone	9.50	82	451932	41.64	ng	#	89
26) 2-Nitrophenol	9.69	139	86122	42.62	ng	#	42
27) 2,4-Dimethylphenol	9.74	122	157273	41.58	ng	#	81
28) bis(2-Chloroethoxy)methane	9.97	93	268998	41.14	ng		98
29) 2,4-Dichlorophenol	10.22	162	155839	42.34	ng		94
30) 1,2,4-Trichlorobenzene	10.42	180	175072	40.74	ng		96
31) Naphthalene	10.60	128	509358	40.14	ng		98
32) Benzoic acid	9.92	122	99108	39.17	ng	#	61
33) 4-Chloroaniline	10.73	127	219921	40.77	ng	#	78
34) Hexachlorobutadiene	10.87	225	120385	41.17	ng		97
35) Caprolactam	11.55	113	62908m	43.75	ng		
36) 4-Chloro-3-methylphenol	11.86	107	205877	41.86	ng	#	76
37) 2-Methylnaphthalene	12.22	142	369313	40.66	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	225914	39.25	ng	#	100
40) Hexachlorocyclopentadiene	12.55	237	36203	40.00	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	147250	41.56	ng		98
43) 2,4,5-Trichlorophenol	12.93	196	150934	39.22	ng	#	86
45) 1,1'-Biphenyl	13.25	154	512778	38.97	ng		94
46) 2-Chloronaphthalene	13.29	162	411730	39.82	ng	#	94
47) 2-Nitroaniline	13.52	65	198935	42.49	ng	#	62
48) Acenaphthylene	14.14	152	646741	39.72	ng		99
49) Dimethylphthalate	13.88	163	561378	40.28	ng		100
50) 2,6-Dinitrotoluene	14.02	165	110166	39.00	ng	#	57
51) Acenaphthene	14.48	154	410245	39.98	ng		96
52) 3-Nitroaniline	14.35	138	123015	41.01	ng	#	41
53) 2,4-Dinitrophenol	14.57	184	57778	39.53	ng		88
54) Dibenzofuran	14.82	168	633505	40.30	ng		98
55) 4-Nitrophenol	14.68	139	83773	41.71	ng	#	13
56) 2,4-Dinitrotoluene	14.81	165	166224	39.78	ng	#	69
57) Fluorene	15.47	166	556464	40.15	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.05	232	136709	41.12	ng	#	100
59) Diethylphthalate	15.24	149	600127	41.01	ng		99
60) 4-Chlorophenyl-phenylether	15.46	204	309095	40.84	ng		97
61) 4-Nitroaniline	15.52	138	137608	45.03	ng	#	26
62) Azobenzene	15.76	77	734899	41.39	ng		84
64) 4,6-Dinitro-2-methylphenol	15.58	198	105874	41.31	ng		90
65) n-Nitrosodiphenylamine	15.69	169	505737	40.75	ng		99
66) 4-Bromophenyl-phenylether	16.36	248	193923	40.83	ng	#	93
67) Hexachlorobenzene	16.47	284	206406	39.15	ng	#	86
68) Atrazine	16.64	200	194259	42.84	ng		95
69) Pentachlorophenol	16.83	266	92941	39.40	ng		97
70) Phenanthrene	17.22	178	942235	41.05	ng		99
71) Anthracene	17.30	178	972492	41.53	ng		99
72) Carbazole	17.59	167	892770	42.71	ng		99
73) Di-n-butylphthalate	18.13	149	1130082	42.52	ng	#	97
74) Fluoranthene	19.23	202	1244230	42.25	ng		98
76) Benzidine	19.43	184	561980	39.49	ng		99
77) Pyrene	19.60	202	1326235	39.14	ng		98
79) Butylbenzylphthalate	20.49	149	572905	40.61	ng	#	65
80) Benzo(a)anthracene	21.34	228	1382688	40.42	ng		98
81) 3,3'-Dichlorobenzidine	21.28	252	524023	41.59	ng		98
82) Chrysene	21.40	228	1280735	39.93	ng		97
83) Bis(2-ethylhexyl)phthalate	21.25	149	836082	39.69	ng		99
84) Di-n-octyl phthalate	22.14	149	1493324	41.32	ng	#	87
85) Indeno(1,2,3-cd)pyrene	25.99	276	1114854	41.23	ng	#	100
87) Benzo(b)fluoranthene	22.96	252	1284709	40.87	ng	#	95
88) Benzo(k)fluoranthene	23.01	252	1217700	40.77	ng	#	97
89) Benzo(a)pyrene	23.56	252	1135326	40.97	ng		99
90) Dibenzo(a,h)anthracene	26.00	278	988392	40.41	ng	#	95
91) Benzo(g,h,i)perylene	26.71	276	911230	40.43	ng	#	92

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

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