Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
Data File : BM010249.D
Acq On : 26 May 2017 10:23
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/30/2017 1:09:51 PM

Quant Time: May 26 23:52:57 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:25:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	105597	20.00	ng		-0.04
21) Naphthalene-d8	10.75	136	380134	20.00	ng		-0.04
38) Acenaphthene-d10	14.57	164	273143	20.00	ng		-0.04
63) Phenanthrene-d10	17.32	188	676770	20.00	ng		-0.03
75) Chrysene-d12	21.48	240	1015844	20.00	ng		-0.03
86) Perylene-d12	23.84	264	1093314	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	456367	78.04	ng		-0.04
7) Phenol-d6	7.13	99	598210	79.50	ng		-0.04
23) Nitrobenzene-d5	9.13	82	693589	98.44	ng		-0.04
41) 2,4,6-Tribromophenol	16.07	330	355917	85.79	ng		-0.03
44) 2-Fluorobiphenyl	13.19	172	1791638	84.32	ng		-0.04
78) Terphenyl-d14	19.92	244	3751419	83.97	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	113670	42.31	ng	#	100
3) Pyridine	3.84	79	301996	41.99	ng		90
4) n-Nitrosodimethylamine	3.76	42	143073	55.00	ng	#	73
6) Aniline	7.29	93	352916	37.86	ng		93
8) 2-Chlorophenol	7.51	128	245240	38.55	ng		91
9) Benzaldehyde	7.10	77	186557	39.83	ng		85
10) Phenol	7.16	94	313948	39.59	ng		94
11) bis(2-Chloroethyl)ether	7.37	93	226674	38.35	ng		96
12) 1,3-Dichlorobenzene	7.82	146	317109	39.22	ng	#	88
13) 1,4-Dichlorobenzene	7.97	146	325415	39.18	ng		94
14) 1,2-Dichlorobenzene	8.29	146	310895	39.00	ng		96
15) Benzyl Alcohol	8.20	79	202351	35.54	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.46	45	199835	34.39	ng		73
17) 2-Methylphenol	8.40	107	218652	38.75	ng	#	82
18) Hexachloroethane	9.01	117	112418	41.76	ng	#	71
19) n-Nitroso-di-n-propylamine	8.75	70	235631	44.37	ng		94
20) 3+4-Methylphenols	8.73	107	306203	40.18	ng		87
22) Acetophenone	8.78	105	413009	42.38	ng	#	96
24) Nitrobenzene	9.17	77	358452	49.38	ng		94
25) Isophorone	9.67	82	555037	45.59	ng	#	92
26) 2-Nitrophenol	9.87	139	135816	44.39	ng	#	55
27) 2,4-Dimethylphenol	9.93	122	225718	40.86	ng	#	81
28) bis(2-Chloroethoxy)methane	10.16	93	313567	40.58	ng		99
29) 2,4-Dichlorophenol	10.40	162	284697	44.76	ng		99
30) 1,2,4-Trichlorobenzene	10.60	180	363399	44.16	ng		98
31) Naphthalene	10.80	128	814824	40.07	ng		99
32) Benzoic acid	10.06	122	148544	39.46	ng	#	84
33) 4-Chloroaniline	10.94	127	285816	36.48	ng	#	81
34) Hexachlorobutadiene	11.05	225	258687	47.12	ng		95
35) Caprolactam	11.74	113	76938	42.15	ng	#	82
36) 4-Chloro-3-methylphenol	12.05	107	299500	43.48	ng		86
37) 2-Methylnaphthalene	12.40	142	623645	42.60	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.75	216	445382	42.40	ng	#	100
40) Hexachlorocyclopentadiene	12.72	237	257275	42.42	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.01	196	280989	45.42	ng		96
43) 2,4,5-Trichlorophenol	13.09	196	303020	44.33	ng	#	92
45) 1,1'-Biphenyl	13.41	154	908505	40.45	ng		99
46) 2-Chloronaphthalene	13.46	162	735434	40.44	ng		97
47) 2-Nitroaniline	13.69	65	220669	47.19	ng	#	78
48) Acenaphthylene	14.30	152	1085122	40.35	ng		100
49) Dimethylphthalate	14.04	163	1011240	41.50	ng	#	98
50) 2,6-Dinitrotoluene	14.17	165	194294	42.00	ng	#	79
51) Acenaphthene	14.64	154	674278	40.33	ng		99
52) 3-Nitroaniline	14.53	138	168168	39.11	ng	#	77
53) 2,4-Dinitrophenol	14.71	184	126805	44.32	ng		89
54) Dibenzofuran	14.97	168	1075767	40.92	ng		96
55) 4-Nitrophenol	14.83	139	124424	35.96	ng	#	17
56) 2,4-Dinitrotoluene	14.96	165	280913	42.92	ng		89
57) Fluorene	15.62	166	954798	41.77	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.20	232	262701	45.12	ng	#	100
59) Diethylphthalate	15.39	149	965301	41.90	ng		97
60) 4-Chlorophenyl-phenylether	15.61	204	546743	42.60	ng		99
61) 4-Nitroaniline	15.69	138	160519	36.77	ng	#	15
62) Azobenzene	15.90	77	830859	49.05	ng		88
64) 4,6-Dinitro-2-methylphenol	15.70	198	189036	45.72	ng		84
65) n-Nitrosodiphenylamine	15.83	169	836674	41.25	ng		99
66) 4-Bromophenyl-phenylether	16.50	248	367724	42.44	ng	#	93
67) Hexachlorobenzene	16.60	284	423228	40.21	ng		94
68) Atrazine	16.78	200	316397	41.14	ng		99
69) Pentachlorophenol	16.96	266	263633	45.60	ng		95
70) Phenanthrene	17.36	178	1562199	41.26	ng		99
71) Anthracene	17.45	178	1578543	42.01	ng		100
72) Carbazole	17.74	167	1360047	40.88	ng		98
73) Di-n-butylphthalate	18.26	149	1634196	41.43	ng	#	97
74) Fluoranthene	19.37	202	2041103	41.52	ng		97
76) Benzidine	19.58	184	603962m	32.23	ng		
77) Pyrene	19.73	202	2190369	40.22	ng		100
79) Butylbenzylphthalate	20.60	149	771812	38.28	ng	#	79
80) Benzo(a)anthracene	21.46	228	2286752	40.85	ng		100
81) 3,3'-Dichlorobenzidine	21.41	252	866430	38.47	ng	#	98
82) Chrysene	21.52	228	2189091	41.23	ng		99
83) Bis(2-ethylhexyl)phthalate	21.35	149	1178655	39.09	ng	#	97
84) Di-n-octyl phthalate	22.25	149	2133504	39.53	ng	#	99
85) Indeno(1,2,3-cd)pyrene	26.25	276	3232584	41.52	ng	#	100
87) Benzo(b)fluoranthene	23.11	252	2572847	40.21	ng	#	92
88) Benzo(k)fluoranthene	23.16	252	2578261	41.13	ng	#	95
89) Benzo(a)pyrene	23.73	252	2477849	40.64	ng	#	96
90) Dibenzo(a,h)anthracene	26.26	278	2761257	40.50	ng	#	91
91) Benzo(g,h,i)perylene	27.00	276	2794151m	41.82	ng		

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

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