Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM009991.D
Acq On : 11 May 2017 19:06
Operator : SJ/MA
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
5/12/2017 4:30:08 PM

Quant Time: May 11 19:38:50 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 18:27:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	65039	20.00	ng		-0.02
21) Naphthalene-d8	10.56	136	285468	20.00	ng		-0.02
38) Acenaphthene-d10	14.42	164	193221	20.00	ng		-0.02
63) Phenanthrene-d10	17.17	188	472016	20.00	ng		-0.02
75) Chrysene-d12	21.37	240	600718	20.00	ng		-0.02
86) Perylene-d12	23.66	264	465478	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	696172	170.41	ng		-0.02
7) Phenol-d6	6.95	99	1110161	177.28	ng		-0.02
23) Nitrobenzene-d5	8.95	82	1334046	169.11	ng		-0.01
41) 2,4,6-Tribromophenol	15.93	330	463722	175.72	ng		-0.01
44) 2-Fluorobiphenyl	13.03	172	2402625	162.01	ng		-0.02
78) Terphenyl-d14	19.80	244	5105603	174.35	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	123945	79.01	ng	#	100
3) Pyridine	3.68	79	477948	88.58	ng	#	93
4) n-Nitrosodimethylamine	3.60	42	261524	74.31	ng	#	64
6) Aniline	7.11	93	728607	88.00	ng		90
8) 2-Chlorophenol	7.33	128	371402	81.66	ng	#	74
9) Benzaldehyde	6.92	77	357834	71.93	ng	#	77
10) Phenol	6.98	94	602074	87.83	ng		91
11) bis(2-Chloroethyl)ether	7.20	93	470593	86.24	ng		86
12) 1,3-Dichlorobenzene	7.65	146	408532	81.05	ng	#	84
13) 1,4-Dichlorobenzene	7.80	146	423903	81.59	ng	#	91
14) 1,2-Dichlorobenzene	8.12	146	412044	82.53	ng	#	92
15) Benzyl Alcohol	8.02	79	486361	83.86	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.28	45	733769	72.76	ng		96
17) 2-Methylphenol	8.22	107	394402	85.43	ng	#	85
18) Hexachloroethane	8.83	117	182036	79.08	ng	#	87
19) n-Nitroso-di-n-propylamine	8.58	70	507684	85.51	ng	#	90
20) 3+4-Methylphenols	8.55	107	549456	86.61	ng		90
22) Acetophenone	8.60	105	743444	83.24	ng	#	88
24) Nitrobenzene	8.99	77	691391	84.44	ng	#	89
25) Isophorone	9.50	82	1166830	83.85	ng	#	86
26) 2-Nitrophenol	9.69	139	230068	86.87	ng	#	45
27) 2,4-Dimethylphenol	9.75	122	403820	84.73	ng	#	80
28) bis(2-Chloroethoxy)methane	9.98	93	697845	86.17	ng		99
29) 2,4-Dichlorophenol	10.22	162	398710	87.27	ng		93
30) 1,2,4-Trichlorobenzene	10.42	180	448413	83.98	ng		99
31) Naphthalene	10.61	128	1314966	83.77	ng		99
32) Benzoic acid	9.98	122	290989	92.98	ng	#	72
33) 4-Chloroaniline	10.74	127	573451	86.61	ng	#	78
34) Hexachlorobutadiene	10.87	225	304232	81.88	ng		99
35) Caprolactam	11.59	113	154040m	88.41	ng		
36) 4-Chloro-3-methylphenol	11.87	107	522286	84.18	ng	#	78
37) 2-Methylnaphthalene	12.23	142	952490	85.91	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	578585	83.24	ng	#	100
40) Hexachlorocyclopentadiene	12.56	237	140954	99.28	ng		98

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42) 2,4,6-Trichlorophenol	12.85	196	370745	82.54	ng		98
43) 2,4,5-Trichlorophenol	12.93	196	397986	82.35	ng	#	86
45) 1,1'-Biphenyl	13.25	154	1339037	81.39	ng		94
46) 2-Chloronaphthalene	13.29	162	1059914	81.51	ng		97
47) 2-Nitroaniline	13.52	65	495470	78.90	ng	#	66
48) Acenaphthylene	14.15	152	1655602	81.12	ng		99
49) Dimethylphthalate	13.89	163	1418937	77.08	ng	#	99
50) 2,6-Dinitrotoluene	14.02	165	287201	80.01	ng	#	59
51) Acenaphthene	14.49	154	1042152	82.76	ng		98
52) 3-Nitroaniline	14.36	138	316047	81.38	ng	#	50
53) 2,4-Dinitrophenol	14.57	184	166178	100.54	ng		88
54) Dibenzofuran	14.82	168	1574886	81.76	ng		96
55) 4-Nitrophenol	14.68	139	214604	82.24	ng	#	8
56) 2,4-Dinitrotoluene	14.82	165	430040	82.43	ng	#	73
57) Fluorene	15.47	166	1426477	83.94	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.06	232	338546	91.47	ng	#	100
59) Diethylphthalate	15.25	149	1491628	75.86	ng		99
60) 4-Chlorophenyl-phenylether	15.46	204	763825	84.69	ng		98
61) 4-Nitroaniline	15.54	138	321942	82.76	ng	#	26
62) Azobenzene	15.76	77	1811489	82.70	ng		85
64) 4,6-Dinitro-2-methylphenol	15.59	198	265669	90.62	ng		87
65) n-Nitrosodiphenylamine	15.69	169	1248319	83.46	ng		99
66) 4-Bromophenyl-phenylether	16.36	248	481815	87.26	ng		97
67) Hexachlorobenzene	16.47	284	525215	83.51	ng	#	90
68) Atrazine	16.65	200	449684	78.49	ng		95
69) Pentachlorophenol	16.83	266	249356	104.67	ng		99
70) Phenanthrene	17.22	178	2289966	83.80	ng		99
71) Anthracene	17.31	178	2355091	85.46	ng		100
72) Carbazole	17.59	167	2089445	83.65	ng		99
73) Di-n-butylphthalate	18.13	149	2779404	77.46	ng	#	97
74) Fluoranthene	19.24	202	2946563	85.44	ng		99
76) Benzidine	19.43	184	1194546	65.92	ng		98
77) Pyrene	19.60	202	3123399	87.05	ng		99
79) Butylbenzylphthalate	20.49	149	1334144	77.10	ng	#	70
80) Benzo(a)anthracene	21.35	228	3055279	84.44	ng		98
81) 3,3'-Dichlorobenzidine	21.29	252	1119113	77.83	ng	#	98
82) Chrysene	21.40	228	2862611	84.15	ng		99
83) Bis(2-ethylhexyl)phthalate	21.25	149	1981872	74.47	ng		99
84) Di-n-octyl phthalate	22.14	149	3353264	72.56	ng	#	88
85) Indeno(1,2,3-cd)pyrene	26.02	276	2352814	61.35	ng	#	100
87) Benzo(b)fluoranthene	22.97	252	2719412	91.68	ng	#	94
88) Benzo(k)fluoranthene	23.02	252	2691650	93.33	ng	#	97
89) Benzo(a)pyrene	23.57	252	2419588	86.94	ng		99
90) Dibenzo(a,h)anthracene	26.02	278	2114789	75.74	ng	#	96
91) Benzo(g,h,i)perylene	26.73	276	1894214	72.32	ng	#	91

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

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