Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM009990.D
Acq On : 11 May 2017 18:30
Operator : SJ/MA
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
mohammad
5/12/2017 4:30:05 PM

Quant Time: May 11 19:08:43 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 18:53:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	71755	20.00	ng		0.00
21) Naphthalene-d8	10.56	136	311957	20.00	ng		0.00
38) Acenaphthene-d10	14.42	164	211060	20.00	ng		0.00
63) Phenanthrene-d10	17.17	188	525312	20.00	ng		0.00
75) Chrysene-d12	21.37	240	650713	20.00	ng		0.00
86) Perylene-d12	23.66	264	515737	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	551488	122.36	ng		0.00
7) Phenol-d6	6.95	99	899103	130.14	ng		0.00
23) Nitrobenzene-d5	8.94	82	1089527	126.39	ng		0.00
41) 2,4,6-Tribromophenol	15.92	330	366370	127.10	ng		0.00
44) 2-Fluorobiphenyl	13.03	172	1955616	120.72	ng		0.00
78) Terphenyl-d14	19.80	244	4043570	127.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	100091	57.83	ng	#	100
3) Pyridine	3.68	79	386620	64.95	ng		93
4) n-Nitrosodimethylamine	3.60	42	207908	53.55	ng	#	65
6) Aniline	7.10	93	593743	65.00	ng	#	89
8) 2-Chlorophenol	7.33	128	303104	60.41	ng	#	73
9) Benzaldehyde	6.92	77	310300	56.54	ng	#	77
10) Phenol	6.97	94	491668	65.01	ng		87
11) bis(2-Chloroethyl)ether	7.20	93	378799	62.92	ng		84
12) 1,3-Dichlorobenzene	7.65	146	336895	60.58	ng	#	87
13) 1,4-Dichlorobenzene	7.80	146	340982	59.49	ng	#	92
14) 1,2-Dichlorobenzene	8.12	146	335094	60.83	ng	#	93
15) Benzyl Alcohol	8.02	79	384442	60.08	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.29	45	600946	54.01	ng		99
17) 2-Methylphenol	8.22	107	321495	63.12	ng	#	84
18) Hexachloroethane	8.83	117	151924	59.82	ng		92
19) n-Nitroso-di-n-propylamine	8.58	70	413330	63.10	ng	#	90
20) 3+4-Methylphenols	8.55	107	448561	64.09	ng		89
22) Acetophenone	8.60	105	600495	61.53	ng	#	87
24) Nitrobenzene	8.98	77	562202	62.83	ng	#	89
25) Isophorone	9.50	82	948304	62.36	ng	#	86
26) 2-Nitrophenol	9.69	139	185135	63.97	ng	#	44
27) 2,4-Dimethylphenol	9.75	122	324994	62.40	ng	#	83
28) bis(2-Chloroethoxy)methane	9.98	93	564569	63.80	ng		97
29) 2,4-Dichlorophenol	10.22	162	319954	64.09	ng		93
30) 1,2,4-Trichlorobenzene	10.42	180	366153	62.75	ng		97
31) Naphthalene	10.61	128	1076183	62.74	ng		98
32) Benzoic acid	9.96	122	225557	65.96	ng	#	80
33) 4-Chloroaniline	10.74	127	466832	64.52	ng	#	80
34) Hexachlorobutadiene	10.87	225	245865	60.55	ng		93
35) Caprolactam	11.58	113	122315m	64.24	ng		
36) 4-Chloro-3-methylphenol	11.87	107	426359	62.89	ng	#	79
37) 2-Methylnaphthalene	12.23	142	781288	64.48	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	469486	61.83	ng	#	100
40) Hexachlorocyclopentadiene	12.56	237	101686	65.57	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	296364	60.41	ng		99
43) 2,4,5-Trichlorophenol	12.93	196	320034	60.63	ng	#	86
45) 1,1'-Biphenyl	13.24	154	1066861	59.37	ng		95
46) 2-Chloronaphthalene	13.29	162	851954	59.98	ng		95
47) 2-Nitroaniline	13.52	65	402983	58.75	ng	#	66
48) Acenaphthylene	14.14	152	1342886	60.24	ng		99
49) Dimethylphthalate	13.89	163	1135607	56.48	ng	#	98
50) 2,6-Dinitrotoluene	14.02	165	238106	60.72	ng	#	65
51) Acenaphthene	14.49	154	838433	60.95	ng		97
52) 3-Nitroaniline	14.36	138	253599	59.78	ng	#	48
53) 2,4-Dinitrophenol	14.57	184	128473	71.16	ng	#	83
54) Dibenzofuran	14.82	168	1271594	60.44	ng		95
55) 4-Nitrophenol	14.68	139	165636	58.11	ng	#	1
56) 2,4-Dinitrotoluene	14.82	165	343841	60.33	ng	#	73
57) Fluorene	15.47	166	1150740	61.99	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.06	232	280735	69.44	ng	#	100
59) Diethylphthalate	15.24	149	1212539	56.46	ng		97
60) 4-Chlorophenyl-phenylether	15.46	204	624907	63.43	ng		99
61) 4-Nitroaniline	15.53	138	266143	62.63	ng	#	22
62) Azobenzene	15.76	77	1454583	60.79	ng		83
64) 4,6-Dinitro-2-methylphenol	15.59	198	210343	64.47	ng		88
65) n-Nitrosodiphenylamine	15.69	169	1004299	60.33	ng		98
66) 4-Bromophenyl-phenylether	16.36	248	385815	62.79	ng	#	91
67) Hexachlorobenzene	16.47	284	423357	60.48	ng	#	92
68) Atrazine	16.64	200	370789	58.15	ng		95
69) Pentachlorophenol	16.83	266	195587	73.77	ng		97
70) Phenanthrene	17.22	178	1846091	60.70	ng		100
71) Anthracene	17.31	178	1894441	61.77	ng		99
72) Carbazole	17.59	167	1683328	60.55	ng		99
73) Di-n-butylphthalate	18.13	149	2221261	55.62	ng	#	97
74) Fluoranthene	19.24	202	2389472	62.26	ng		99
76) Benzidine	19.43	184	1061680	54.09	ng		99
77) Pyrene	19.60	202	2466512	63.46	ng		98
79) Butylbenzylphthalate	20.49	149	1068888	57.03	ng	#	69
80) Benzo(a)anthracene	21.35	228	2435002	62.13	ng		99
81) 3,3'-Dichlorobenzidine	21.29	252	910562	58.46	ng	#	98
82) Chrysene	21.40	228	2249096	61.04	ng		97
83) Bis(2-ethylhexyl)phthalate	21.25	149	1575418	54.65	ng		98
84) Di-n-octyl phthalate	22.14	149	2683527	53.60	ng	#	87
85) Indeno(1,2,3-cd)pyrene	26.01	276	1868493	44.97	ng	#	100
87) Benzo(b)fluoranthene	22.97	252	2188869	66.60	ng	#	94
88) Benzo(k)fluoranthene	23.01	252	2085212	65.26	ng	#	98
89) Benzo(a)pyrene	23.56	252	1924884	62.43	ng		99
90) Dibenzo(a,h)anthracene	26.01	278	1683126	54.40	ng	#	95
91) Benzo(g,h,i)perylene	26.72	276	1546519	53.29	ng	#	92

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

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