Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM009987.D
Acq On : 11 May 2017 16:42
Operator : SJ/MA
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
mohammad
5/12/2017 4:30:03 PM

Quant Time: May 11 19:01:47 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 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	58627	20.00	ng		0.00
21) Naphthalene-d8	10.56	136	270847	20.00	ng		0.00
38) Acenaphthene-d10	14.42	164	183636	20.00	ng		0.00
63) Phenanthrene-d10	17.17	188	459067	20.00	ng		0.00
75) Chrysene-d12	21.36	240	590627	20.00	ng		0.00
86) Perylene-d12	23.66	264	481312	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	189201	51.38	ng		0.00
7) Phenol-d6	6.95	99	295043	52.27	ng		0.00
23) Nitrobenzene-d5	8.93	82	369720	49.40	ng		0.00
41) 2,4,6-Tribromophenol	15.92	330	126645	50.50	ng		0.00
44) 2-Fluorobiphenyl	13.03	172	655051	46.48	ng		0.00
78) Terphenyl-d14	19.80	244	1380312	47.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	35349	25.00	ng	#	100
3) Pyridine	3.68	79	127251	26.16	ng		92
4) n-Nitrosodimethylamine	3.60	42	68241	21.51	ng	#	67
6) Aniline	7.10	93	198582	26.61	ng	#	87
8) 2-Chlorophenol	7.33	128	103107	25.15	ng	#	78
9) Benzaldehyde	6.92	77	120553	26.88	ng		83
10) Phenol	6.97	94	162864	26.36	ng		93
11) bis(2-Chloroethyl)ether	7.20	93	123687	25.15	ng	#	79
12) 1,3-Dichlorobenzene	7.65	146	112159	24.69	ng	#	82
13) 1,4-Dichlorobenzene	7.80	146	116917	24.96	ng		94
14) 1,2-Dichlorobenzene	8.12	146	118099	26.24	ng	#	90
15) Benzyl Alcohol	8.02	79	131736	25.20	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.29	45	205415	22.60	ng		97
17) 2-Methylphenol	8.22	107	108174	25.99	ng	#	83
18) Hexachloroethane	8.83	117	48946	23.59	ng		88
19) n-Nitroso-di-n-propylamine	8.57	70	139403	26.05	ng		92
20) 3+4-Methylphenols	8.55	107	151070	26.42	ng		89
22) Acetophenone	8.60	105	202679	23.92	ng	#	91
24) Nitrobenzene	8.98	77	190595	24.53	ng	#	89
25) Isophorone	9.50	82	319486	24.20	ng	#	88
26) 2-Nitrophenol	9.69	139	57494	22.88	ng	#	39
27) 2,4-Dimethylphenol	9.75	122	110465	24.43	ng	#	83
28) bis(2-Chloroethoxy)methane	9.97	93	188420	24.52	ng		97
29) 2,4-Dichlorophenol	10.22	162	107739	24.86	ng		93
30) 1,2,4-Trichlorobenzene	10.42	180	124179	24.51	ng		98
31) Naphthalene	10.61	128	367634	24.69	ng		98
32) Benzoic acid	9.90	122	68988	23.23	ng	#	48
33) 4-Chloroaniline	10.74	127	156742	24.95	ng	#	75
34) Hexachlorobutadiene	10.87	225	82980	23.54	ng		91
35) Caprolactam	11.55	113	42180	25.52	ng	#	64
36) 4-Chloro-3-methylphenol	11.87	107	144151	24.49	ng	#	82
37) 2-Methylnaphthalene	12.23	142	263633	25.06	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	160372	24.28	ng	#	100
40) Hexachlorocyclopentadiene	12.56	237	16290	12.07	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	103504	24.25	ng		90
43) 2,4,5-Trichlorophenol	12.93	196	111917	24.37	ng	#	87
45) 1,1'-Biphenyl	13.24	154	373118	23.86	ng		93
46) 2-Chloronaphthalene	13.29	162	297603	24.08	ng		96
47) 2-Nitroaniline	13.52	65	137851	23.10	ng	#	62
48) Acenaphthylene	14.14	152	468597	24.16	ng		99
49) Dimethylphthalate	13.88	163	393225	22.48	ng	#	98
50) 2,6-Dinitrotoluene	14.02	165	82126	24.07	ng	#	61
51) Acenaphthene	14.49	154	288725	24.12	ng		98
52) 3-Nitroaniline	14.36	138	90846	24.61	ng	#	74
53) 2,4-Dinitrophenol	14.57	184	32033	20.39	ng		94
54) Dibenzofuran	14.82	168	445367	24.33	ng		96
55) 4-Nitrophenol	14.68	139	53801	21.69	ng	#	1
56) 2,4-Dinitrotoluene	14.82	165	118259	23.85	ng	#	75
57) Fluorene	15.47	166	394402	24.42	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.06	232	92478	26.29	ng	#	100
59) Diethylphthalate	15.24	149	416451	22.29	ng		99
60) 4-Chlorophenyl-phenylether	15.46	204	213602	24.92	ng		98
61) 4-Nitroaniline	15.52	138	92134	24.92	ng	#	4
62) Azobenzene	15.76	77	517971	24.88	ng		84
64) 4,6-Dinitro-2-methylphenol	15.58	198	64732	22.70	ng	#	77
65) n-Nitrosodiphenylamine	15.69	169	354501	24.37	ng		99
66) 4-Bromophenyl-phenylether	16.36	248	132867	24.74	ng	#	92
67) Hexachlorobenzene	16.47	284	146482	23.95	ng	#	88
68) Atrazine	16.64	200	131280	23.56	ng		96
69) Pentachlorophenol	16.83	266	59880	25.85	ng		97
70) Phenanthrene	17.22	178	650945	24.49	ng		98
71) Anthracene	17.31	178	661640	24.69	ng		98
72) Carbazole	17.59	167	586324	24.13	ng		99
73) Di-n-butylphthalate	18.13	149	758259	21.73	ng	#	96
74) Fluoranthene	19.24	202	824471	24.58	ng		98
76) Benzidine	19.43	184	381545	21.41	ng		98
77) Pyrene	19.60	202	877513	24.87	ng		99
79) Butylbenzylphthalate	20.49	149	374131	21.99	ng	#	63
80) Benzo(a)anthracene	21.35	228	887631	24.95	ng		98
81) 3,3'-Dichlorobenzidine	21.29	252	320253	22.65	ng	#	95
82) Chrysene	21.40	228	827540	24.74	ng		98
83) Bis(2-ethylhexyl)phthalate	21.25	149	530288	20.27	ng		99
84) Di-n-octyl phthalate	22.14	149	920594	20.26	ng	#	85
85) Indeno(1,2,3-cd)pyrene	26.00	276	686841	18.21	ng	#	100
87) Benzo(b)fluoranthene	22.96	252	779942	25.43	ng	#	96
88) Benzo(k)fluoranthene	23.01	252	753221m	25.26	ng		
89) Benzo(a)pyrene	23.56	252	695477	24.17	ng		98
90) Dibenzo(a,h)anthracene	26.00	278	598685	20.74	ng	#	94
91) Benzo(g,h,i)perylene	26.71	276	568746	21.00	ng	#	92

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

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