Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM009985.D
Acq On : 11 May 2017 15:30
Operator : SJ/MA
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
mohammad
5/12/2017 4:29:57 PM

Quant Time: May 11 19:47:31 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 18:50:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	56747	20.00	ng		0.00
21) Naphthalene-d8	10.56	136	241656	20.00	ng		0.00
38) Acenaphthene-d10	14.42	164	155745	20.00	ng		0.00
63) Phenanthrene-d10	17.17	188	393483	20.00	ng		0.00
75) Chrysene-d12	21.36	240	526142	20.00	ng		0.00
86) Perylene-d12	23.66	264	418299	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	16040	4.50	ng		0.01
7) Phenol-d6	6.95	99	26924	4.93	ng		0.00
23) Nitrobenzene-d5	8.95	82	28352	4.25	ng		0.00
41) 2,4,6-Tribromophenol	15.93	330	8012	3.77	ng		0.00
44) 2-Fluorobiphenyl	13.03	172	54979	4.60	ng		0.00
78) Terphenyl-d14	19.80	244	112475	4.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	3224	2.36	ng	#	100
3) Pyridine	3.70	79	11547	2.45	ng		94
4) n-Nitrosodimethylamine	3.62	42	6184	2.01	ng	#	57
6) Aniline	7.10	93	16410	2.27	ng		96
8) 2-Chlorophenol	7.35	128	9163	2.31	ng		89
9) Benzaldehyde	6.93	77	11089	2.55	ng	#	60
10) Phenol	6.98	94	14737	2.46	ng		91
11) bis(2-Chloroethyl)ether	7.20	93	11155	2.34	ng	#	82
12) 1,3-Dichlorobenzene	7.66	146	11284	2.57	ng	#	71
13) 1,4-Dichlorobenzene	7.80	146	11044	2.44	ng	#	77
14) 1,2-Dichlorobenzene	8.12	146	9970	2.29	ng		91
15) Benzyl Alcohol	8.03	79	10905	2.16	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	8.30	45	17600	2.00	ng		95
17) 2-Methylphenol	8.23	107	9069	2.25	ng	#	77
18) Hexachloroethane	8.83	117	3638	1.81	ng		85
19) n-Nitroso-di-n-propylamine	8.57	70	12069	2.33	ng	#	86
20) 3+4-Methylphenols	8.57	107	11403	2.06	ng	#	85
22) Acetophenone	8.60	105	16619	2.20	ng	#	94
24) Nitrobenzene	8.98	77	16897	2.44	ng		90
25) Isophorone	9.50	82	23089	1.96	ng	#	90
26) 2-Nitrophenol	9.71	139	4136	1.84	ng	#	68
27) 2,4-Dimethylphenol	9.75	122	8543	2.12	ng		83
28) bis(2-Chloroethoxy)methane	9.98	93	14982	2.19	ng	#	97
29) 2,4-Dichlorophenol	10.25	162	8534	2.21	ng		92
30) 1,2,4-Trichlorobenzene	10.42	180	10447	2.31	ng	#	87
31) Naphthalene	10.61	128	31388	2.36	ng		99
33) 4-Chloroaniline	10.76	127	12375	2.21	ng	#	69
34) Hexachlorobutadiene	10.87	225	7106	2.26	ng		91
36) 4-Chloro-3-methylphenol	11.89	107	10958	2.09	ng	#	70
37) 2-Methylnaphthalene	12.23	142	22230	2.37	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	14689	2.62	ng	#	100
42) 2,4,6-Trichlorophenol	12.86	196	7253	2.00	ng		90
43) 2,4,5-Trichlorophenol	12.95	196	8141	2.09	ng	#	82
45) 1,1'-Biphenyl	13.25	154	30708	2.32	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	13.29	162	22599	2.16	ng		96
47) 2-Nitroaniline	13.53	65	8149	1.61	ng	#	71
48) Acenaphthylene	14.15	152	35465	2.16	ng		95
49) Dimethylphthalate	13.88	163	31566	2.13	ng	#	96
50) 2,6-Dinitrotoluene	14.03	165	5584	1.93	ng	#	76
51) Acenaphthene	14.48	154	22970	2.26	ng		97
52) 3-Nitroaniline	14.37	138	5506	1.76	ng	#	17
54) Dibenzofuran	14.82	168	37171	2.39	ng		95
57) Fluorene	15.47	166	31052	2.27	ng	#	97
58) 2,3,4,6-Tetrachlorophenol	15.07	232	7961	2.67	ng	#	100
59) Diethylphthalate	15.24	149	32526	2.05	ng		93
60) 4-Chlorophenyl-phenylether	15.46	204	17375	2.39	ng		99
61) 4-Nitroaniline	15.54	138	5424	1.73	ng	#	41
62) Azobenzene	15.76	77	37113	2.10	ng		85
65) n-Nitrosodiphenylamine	15.69	169	27132	2.18	ng		96
66) 4-Bromophenyl-phenylether	16.36	248	10682	2.32	ng		97
67) Hexachlorobenzene	16.47	284	12588	2.40	ng	#	81
68) Atrazine	16.64	200	9282	1.94	ng		88
70) Phenanthrene	17.22	178	54068	2.37	ng		96
71) Anthracene	17.32	178	53226	2.32	ng		96
72) Carbazole	17.60	167	46572	2.24	ng		96
73) Di-n-butylphthalate	18.13	149	52395	1.75	ng	#	95
74) Fluoranthene	19.24	202	65196	2.27	ng		93
76) Benzidine	19.44	184	25888	1.63	ng	#	90
77) Pyrene	19.60	202	71059	2.26	ng		95
79) Butylbenzylphthalate	20.49	149	27121	1.79	ng	#	69
80) Benzo(a)anthracene	21.34	228	74788	2.36	ng		97
81) 3,3'-Dichlorobenzidine	21.29	252	26457	2.10	ng	#	98
82) Chrysene	21.40	228	70014	2.35	ng		95
83) Bis(2-ethylhexyl)phthalate	21.25	149	43216	1.85	ng		96
84) Di-n-octyl phthalate	22.14	149	73531	1.82	ng	#	79
85) Indeno(1,2,3-cd)pyrene	26.00	276	58745	1.75	ng	#	100
87) Benzo(b)fluoranthene	22.97	252	67850m	2.55	ng		
88) Benzo(k)fluoranthene	23.01	252	58822	2.27	ng		99
89) Benzo(a)pyrene	23.56	252	57676	2.31	ng		96
90) Dibenzo(a,h)anthracene	26.01	278	52729	2.10	ng	#	92
91) Benzo(g,h,i)perylene	26.72	276	48728	2.07	ng	#	86

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

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