Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082817\
Data File : BM011362.D
Acq On : 28 Aug 2017 15:34
Operator : SJ/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
8/29/2017 6:00:34 PM

Quant Time: Aug 28 17:28:10 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM082817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 15:34:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	32517	20.00	ng		0.00
21) Naphthalene-d8	10.02	136	160438	20.00	ng		0.00
38) Acenaphthene-d10	13.93	164	145448	20.00	ng		0.00
63) Phenanthrene-d10	16.69	188	482264	20.00	ng		0.00
75) Chrysene-d12	20.92	240	960247	20.00	ng		0.00
86) Perylene-d12	22.99	264	1167202	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	194537	101.13	ng		0.00
7) Phenol-d6	6.46	99	369163	135.07	ng		0.00
23) Nitrobenzene-d5	8.41	82	563908	131.92	ng		0.00
41) 2,4,6-Tribromophenol	15.44	330	258188	110.75	ng		0.00
44) 2-Fluorobiphenyl	12.53	172	1044140	90.03	ng		0.00
78) Terphenyl-d14	19.36	244	3641816	75.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	45731	52.949	ng	#	100
3) Pyridine	3.27	79	193131	81.867	ng		88
4) n-Nitrosodimethylamine	3.20	42	90332	75.139	ng	#	86
6) Aniline	6.61	93	258530	75.054	ng	#	84
8) 2-Chlorophenol	6.83	128	109850	56.249	ng	#	60
9) Benzaldehyde	6.42	77	133260	75.358	ng	#	61
10) Phenol	6.49	94	211680	71.308	ng		91
11) bis(2-Chloroethyl)ether	6.72	93	145708	62.995	ng		85
12) 1,3-Dichlorobenzene	7.15	146	128258	53.888	ng	#	66
13) 1,4-Dichlorobenzene	7.30	146	127364	52.206	ng	#	83
14) 1,2-Dichlorobenzene	7.60	146	131173	56.235	ng	#	88
15) Benzyl Alcohol	7.52	79	210193	80.170	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	7.79	45	162261	77.959	ng		82
17) 2-Methylphenol	7.72	107	134641	70.967	ng	#	71
18) Hexachloroethane	8.31	117	60988	57.324	ng	#	81
19) n-Nitroso-di-n-propylamine	8.07	70	213849	92.077	ng	#	90
20) 3+4-Methylphenols	8.05	107	183469	69.567	ng	#	72
22) Acetophenone	8.08	105	272996	56.765	ng	#	82
24) Nitrobenzene	8.45	77	305564	68.981	ng	#	78
25) Isophorone	8.97	82	483764	67.874	ng	#	80
26) 2-Nitrophenol	9.15	139	73790	52.354	ng	#	1
27) 2,4-Dimethylphenol	9.23	122	132558	53.425	ng	#	65
28) bis(2-Chloroethoxy)methane	9.46	93	243482	61.250	ng		100
29) 2,4-Dichlorophenol	9.68	162	159155	57.083	ng		89
30) 1,2,4-Trichlorobenzene	9.89	180	188293	54.619	ng		96
31) Naphthalene	10.06	128	429476	53.212	ng		98
32) Benzoic acid	9.36	122	135368	67.875	ng	#	37
33) 4-Chloroaniline	10.20	127	192035	59.643	ng	#	61
34) Hexachlorobutadiene	10.36	225	147144	54.192	ng		96
35) Caprolactam	10.98	113	62828	79.461	ng		90
36) 4-Chloro-3-methylphenol	11.33	107	244961	68.042	ng	#	69
37) 2-Methylnaphthalene	11.69	142	344383	58.083	ng	#	85
39) 1,2,4,5-Tetrachlorobenzene	12.08	216	293841	47.023	ng	#	100
40) Hexachlorocyclopentadiene	12.06	237	118431	32.525	ng		96

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42) 2,4,6-Trichlorophenol	12.34	196	188991	49.968	ng		91
43) 2,4,5-Trichlorophenol	12.42	196	199040	51.095	ng	#	86
45) 1,1'-Biphenyl	12.74	154	573537	45.603	ng		94
46) 2-Chloronaphthalene	12.78	162	463639	50.035	ng		95
47) 2-Nitroaniline	13.01	65	263805	80.473	ng	#	53
48) Acenaphthylene	13.64	152	705785	51.037	ng		98
49) Dimethylphthalate	13.41	163	646355	51.948	ng	#	98
50) 2,6-Dinitrotoluene	13.53	165	136813	54.375	ng	#	28
51) Acenaphthene	13.99	154	454527	53.083	ng		98
52) 3-Nitroaniline	13.86	138	131821	60.374	ng	#	6
53) 2,4-Dinitrophenol	14.07	184	116956	65.405	ng	#	60
54) Dibenzofuran	14.33	168	736345	53.073	ng	#	88
55) 4-Nitrophenol	14.20	139	105682m	55.092	ng		
56) 2,4-Dinitrotoluene	14.32	165	210347	59.550	ng	#	55
57) Fluorene	14.99	166	680788	56.358	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.57	232	218599	59.868	ng	#	100
59) Diethylphthalate	14.80	149	695438	54.728	ng		98
60) 4-Chlorophenyl-phenylether	15.00	204	412494	56.559	ng		97
61) 4-Nitroaniline	15.03	138	124550	53.705	ng	#	1
62) Azobenzene	15.29	77	990537	72.835	ng		83
64) 4,6-Dinitro-2-methylphenol	15.09	198	188487	57.732	ng		88
65) n-Nitrosodiphenylamine	15.22	169	643980	46.660	ng		100
66) 4-Bromophenyl-phenylether	15.90	248	276707	44.632	ng	#	84
67) Hexachlorobenzene	16.00	284	310467	44.316	ng	#	88
68) Atrazine	16.19	200	274453	49.622	ng		97
69) Pentachlorophenol	16.35	266	244142	54.892	ng		98
70) Phenanthrene	16.73	178	1330763	52.699	ng		98
71) Anthracene	16.82	178	1365036	54.201	ng		98
72) Carbazole	17.11	167	1295202	58.807	ng		98
73) Di-n-butylphthalate	17.70	149	1386541	51.696	ng	#	95
74) Fluoranthene	18.77	202	2187245	69.894	ng		98
76) Benzidine	18.99	184	574441	25.006	ng		99
77) Pyrene	19.13	202	2362458	41.405	ng		100
79) Butylbenzylphthalate	20.08	149	830774	40.947	ng	#	49
80) Benzo(a)anthracene	20.90	228	2905499	52.992	ng		98
81) 3,3'-Dichlorobenzidine	20.86	252	1211939	56.345	ng	#	97
82) Chrysene	20.96	228	2745180	52.159	ng		100
83) Bis(2-ethylhexyl)phthalate	20.87	149	1239008	41.511	ng	#	97
84) Di-n-octyl phthalate	21.71	149	2346822	48.444	ng	#	91
85) Indeno(1,2,3-cd)pyrene	25.00	276	4215250	77.333	ng	#	96
87) Benzo(b)fluoranthene	22.39	252	3549226	47.378	ng	#	91
88) Benzo(k)fluoranthene	22.43	252	3415691	47.572	ng	#	95
89) Benzo(a)pyrene	22.90	252	3482894	51.381	ng	#	96
90) Dibenzo(a,h)anthracene	25.01	278	3621997	57.638	ng	#	90
91) Benzo(g,h,i)perylene	25.60	276	3707739	60.087	ng	#	84

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

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