Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072617\
Data File : BM010980.D
Acq On : 26 Jul 2017 20:50
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
7/27/2017 6:21:33 PM

Quant Time: Jul 27 09:23:47 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	255185	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	1096375	20.00	ng		0.00
38) Acenaphthene-d10	14.05	164	813788	20.00	ng		0.00
63) Phenanthrene-d10	16.81	188	2202638	20.00	ng		0.00
75) Chrysene-d12	21.03	240	2599499	20.00	ng		0.00
86) Perylene-d12	23.14	264	1978418	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	1188629	78.74	ng		0.00
7) Phenol-d6	6.59	99	1785885	83.26	ng		0.00
23) Nitrobenzene-d5	8.55	82	2360669	80.81	ng		0.00
41) 2,4,6-Tribromophenol	15.56	330	1104173	84.65	ng		0.00
44) 2-Fluorobiphenyl	12.66	172	4926856	75.93	ng		0.00
78) Terphenyl-d14	19.47	244	10568449	80.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	249893	36.869	ng	#	100
3) Pyridine	3.40	79	742232	40.091	ng		90
4) n-Nitrosodimethylamine	3.33	42	381729	40.461	ng	#	79
6) Aniline	6.74	93	1122226	41.514	ng	#	88
8) 2-Chlorophenol	6.96	128	623688	40.694	ng		84
9) Benzaldehyde	6.55	77	548683	39.537	ng		83
10) Phenol	6.62	94	958775	41.156	ng		97
11) bis(2-Chloroethyl)ether	6.84	93	728570	40.138	ng		93
12) 1,3-Dichlorobenzene	7.28	146	738091	39.516	ng	#	83
13) 1,4-Dichlorobenzene	7.43	146	753455	39.354	ng	#	89
14) 1,2-Dichlorobenzene	7.73	146	721528	39.416	ng	#	87
15) Benzyl Alcohol	7.64	79	855977	41.601	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	7.92	45	663301	40.608	ng		79
17) 2-Methylphenol	7.85	107	627082	42.117	ng	#	79
18) Hexachloroethane	8.45	117	332021	39.766	ng	#	86
19) n-Nitroso-di-n-propylamine	8.20	70	772136	42.364	ng	#	90
20) 3+4-Methylphenols	8.17	107	877582	42.402	ng		85
22) Acetophenone	8.21	105	1284784	39.093	ng	#	96
24) Nitrobenzene	8.58	77	1198600	39.596	ng	#	88
25) Isophorone	9.11	82	1999791	41.058	ng	#	87
26) 2-Nitrophenol	9.28	139	395387	41.051	ng	#	26
27) 2,4-Dimethylphenol	9.36	122	685931	40.455	ng	#	72
28) bis(2-Chloroethoxy)methane	9.59	93	1066016	39.242	ng		97
29) 2,4-Dichlorophenol	9.81	162	769003	40.361	ng		95
30) 1,2,4-Trichlorobenzene	10.02	180	929499	39.456	ng		98
31) Naphthalene	10.20	128	2163931	39.234	ng		98
32) Benzoic acid	9.52	122	594541	43.624	ng	#	66
33) 4-Chloroaniline	10.32	127	902725	41.028	ng	#	76
34) Hexachlorobutadiene	10.49	225	718226	38.708	ng		99
35) Caprolactam	11.12	113	234228m	43.350	ng		
36) 4-Chloro-3-methylphenol	11.46	107	1022477	41.561	ng	#	75
37) 2-Methylnaphthalene	11.83	142	1662358	41.028	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.21	216	1323743	37.861	ng	#	100
40) Hexachlorocyclopentadiene	12.19	237	746881	36.661	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.46	196	836425	39.525	ng		96
43) 2,4,5-Trichlorophenol	12.53	196	854321	39.197	ng	#	88
45) 1,1'-Biphenyl	12.87	154	2689647	38.223	ng		97
46) 2-Chloronaphthalene	12.91	162	2002070	38.616	ng		96
47) 2-Nitroaniline	13.13	65	779647	42.507	ng	#	71
48) Acenaphthylene	13.77	152	3044906	39.354	ng		100
49) Dimethylphthalate	13.53	163	2798823	40.204	ng	#	98
50) 2,6-Dinitrotoluene	13.65	165	586786	41.682	ng	#	68
51) Acenaphthene	14.12	154	1837546	38.356	ng		99
52) 3-Nitroaniline	13.97	138	520173	42.580	ng	#	37
53) 2,4-Dinitrophenol	14.18	184	417116	41.691	ng	#	82
54) Dibenzofuran	14.46	168	3095003	39.871	ng		93
55) 4-Nitrophenol	14.29	139	462679	43.108	ng		94
56) 2,4-Dinitrotoluene	14.44	165	860311	43.531	ng	#	94
57) Fluorene	15.11	166	2763564	40.889	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.69	232	832457	40.748	ng	#	100
59) Diethylphthalate	14.91	149	2917246	41.032	ng		99
60) 4-Chlorophenyl-phenylether	15.12	204	1615158	39.582	ng		96
61) 4-Nitroaniline	15.14	138	572164	44.095	ng	#	1
62) Azobenzene	15.41	77	3084154	40.532	ng		89
64) 4,6-Dinitro-2-methylphenol	15.20	198	605553	40.610	ng		95
65) n-Nitrosodiphenylamine	15.33	169	2455174	38.949	ng		98
66) 4-Bromophenyl-phenylether	16.01	248	1075132	37.969	ng	#	89
67) Hexachlorobenzene	16.12	284	1226078	38.319	ng	#	90
68) Atrazine	16.30	200	1050304	41.578	ng		96
69) Pentachlorophenol	16.46	266	829239	40.821	ng		97
70) Phenanthrene	16.85	178	4613185	39.998	ng		99
71) Anthracene	16.94	178	4599063	39.983	ng		98
72) Carbazole	17.22	167	4119484	40.952	ng		99
73) Di-n-butylphthalate	17.80	149	5118079	41.780	ng	#	96
74) Fluoranthene	18.88	202	6045271	42.296	ng		99
76) Benzidine	19.09	184	2732407	43.938	ng		98
77) Pyrene	19.25	202	6090005	39.428	ng		99
79) Butylbenzylphthalate	20.19	149	2359034	42.950	ng	#	70
80) Benzo(a)anthracene	21.02	228	5964906	40.187	ng		99
81) 3,3'-Dichlorobenzidine	20.96	252	2493670	42.826	ng	#	97
82) Chrysene	21.07	228	5592768	39.254	ng		99
83) Bis(2-ethylhexyl)phthalate	20.97	149	3430487	42.456	ng	#	99
84) Di-n-octyl phthalate	21.83	149	5569498	42.469	ng		100
85) Indeno(1,2,3-cd)pyrene	25.22	276	4393728	29.776	ng		97
87) Benzo(b)fluoranthene	22.52	252	5261450	41.436	ng	#	92
88) Benzo(k)fluoranthene	22.56	252	5171029	42.489	ng	#	95
89) Benzo(a)pyrene	23.05	252	4622958	40.235	ng	#	96
90) Dibenzo(a,h)anthracene	25.23	278	3584664	33.654	ng	#	92
91) Benzo(g,h,i)perylene	25.86	276	3418428	32.684	ng	#	85

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

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