Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\
Data File : BM011043.D
Acq On : 28 Jul 2017 15:54
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/31/2017 6:50:13 PM

Quant Time: Jul 28 23:46:24 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	172958	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	737458	20.00	ng		0.00
38) Acenaphthene-d10	14.05	164	582853	20.00	ng		0.00
63) Phenanthrene-d10	16.80	188	1530654	20.00	ng		0.00
75) Chrysene-d12	21.02	240	1702561	20.00	ng		0.00
86) Perylene-d12	23.14	264	1484640	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	772523	75.50	ng		0.00
7) Phenol-d6	6.58	99	1140910	78.48	ng		-0.01
23) Nitrobenzene-d5	8.53	82	1639883	83.46	ng		0.00
41) 2,4,6-Tribromophenol	15.55	330	757714	81.11	ng		0.00
44) 2-Fluorobiphenyl	12.66	172	3473127	74.73	ng		0.00
78) Terphenyl-d14	19.47	244	7144309	83.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	163911	35.680	ng	#	100
3) Pyridine	3.40	79	475949	37.930	ng		90
4) n-Nitrosodimethylamine	3.32	42	274694	42.958	ng	#	69
6) Aniline	6.73	93	735371	40.136	ng		90
8) 2-Chlorophenol	6.96	128	388866	37.435	ng	#	79
9) Benzaldehyde	6.55	77	307614m	32.704	ng		
10) Phenol	6.61	94	609498	38.601	ng		96
11) bis(2-Chloroethyl)ether	6.83	93	464260	37.736	ng		90
12) 1,3-Dichlorobenzene	7.28	146	480554	37.959	ng	#	82
13) 1,4-Dichlorobenzene	7.42	146	489388	37.713	ng	#	88
14) 1,2-Dichlorobenzene	7.73	146	475720	38.343	ng	#	90
15) Benzyl Alcohol	7.63	79	528336	37.885	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	7.93	45	455334	41.129	ng		73
17) 2-Methylphenol	7.83	107	404669	40.100	ng	#	73
18) Hexachloroethane	8.44	117	215167	38.022	ng	#	80
19) n-Nitroso-di-n-propylamine	8.20	70	552803	44.749	ng	#	91
20) 3+4-Methylphenols	8.16	107	580101	41.354	ng	#	81
22) Acetophenone	8.20	105	856797	38.759	ng	#	90
24) Nitrobenzene	8.58	77	835813	41.050	ng	#	85
25) Isophorone	9.10	82	1368730	41.779	ng	#	86
26) 2-Nitrophenol	9.28	139	262747	40.556	ng	#	19
27) 2,4-Dimethylphenol	9.35	122	451967	39.629	ng	#	63
28) bis(2-Chloroethoxy)methane	9.59	93	761055	41.651	ng		97
29) 2,4-Dichlorophenol	9.80	162	516477	40.301	ng		91
30) 1,2,4-Trichlorobenzene	10.02	180	628693	39.675	ng		99
31) Naphthalene	10.19	128	1486887	40.079	ng		98
32) Benzoic acid	9.50	122	370501	40.416	ng	#	65
33) 4-Chloroaniline	10.32	127	608484	41.115	ng	#	68
34) Hexachlorobutadiene	10.49	225	506872	40.613	ng		97
35) Caprolactam	11.11	113	155620m	42.819	ng		
36) 4-Chloro-3-methylphenol	11.45	107	712752	43.071	ng	#	74
37) 2-Methylnaphthalene	11.82	142	1155505	42.398	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.20	216	931440	37.196	ng	#	100
40) Hexachlorocyclopentadiene	12.18	237	555857	38.095	ng		93

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42) 2,4,6-Trichlorophenol	12.46	196	578943	38.197	ng		98
43) 2,4,5-Trichlorophenol	12.53	196	588097	37.673	ng	#	87
45) 1,1'-Biphenyl	12.87	154	1894826	37.597	ng		95
46) 2-Chloronaphthalene	12.90	162	1408730	37.938	ng	#	93
47) 2-Nitroaniline	13.12	65	562332	42.806	ng	#	66
48) Acenaphthylene	13.76	152	2183461	39.401	ng		99
49) Dimethylphthalate	13.52	163	1914894	38.405	ng	#	99
50) 2,6-Dinitrotoluene	13.64	165	418909	41.547	ng	#	62
51) Acenaphthene	14.11	154	1328090	38.705	ng		98
52) 3-Nitroaniline	13.96	138	355194	40.596	ng	#	38
53) 2,4-Dinitrophenol	14.17	184	282967	39.489	ng	#	83
54) Dibenzofuran	14.45	168	2199828	39.567	ng		92
55) 4-Nitrophenol	14.29	139	293171	38.138	ng		93
56) 2,4-Dinitrotoluene	14.43	165	579567	40.945	ng		93
57) Fluorene	15.10	166	1945593	40.193	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.68	232	595920	40.727	ng	#	100
59) Diethylphthalate	14.90	149	2096936	41.180	ng		100
60) 4-Chlorophenyl-phenylether	15.11	204	1185478	40.562	ng		98
61) 4-Nitroaniline	15.14	138	382432	41.150	ng	#	1
62) Azobenzene	15.40	77	2319647	42.564	ng		87
64) 4,6-Dinitro-2-methylphenol	15.20	198	421876	40.713	ng		90
65) n-Nitrosodiphenylamine	15.33	169	1707609	38.982	ng		100
66) 4-Bromophenyl-phenylether	16.00	248	790951	40.196	ng	#	88
67) Hexachlorobenzene	16.11	284	878154	39.494	ng	#	87
68) Atrazine	16.30	200	650505	37.056	ng		96
69) Pentachlorophenol	16.46	266	567438	40.197	ng		93
70) Phenanthrene	16.85	178	3205027	39.989	ng		99
71) Anthracene	16.93	178	3243428	40.577	ng		99
72) Carbazole	17.22	167	2822405	40.375	ng		99
73) Di-n-butylphthalate	17.80	149	3454409	40.579	ng	#	96
74) Fluoranthene	18.87	202	3984085	40.112	ng		99
76) Benzidine	19.09	184	1318557m	32.373	ng		
77) Pyrene	19.25	202	4132230	40.847	ng		99
79) Butylbenzylphthalate	20.18	149	1499115	41.673	ng	#	70
80) Benzo(a)anthracene	21.01	228	3900895	40.127	ng		99
81) 3,3'-Dichlorobenzidine	20.96	252	1518498	39.817	ng	#	96
82) Chrysene	21.06	228	3674831	39.380	ng		100
83) Bis(2-ethylhexyl)phthalate	20.97	149	2170586	41.015	ng		99
84) Di-n-octyl phthalate	21.82	149	3435455	39.997	ng		98
85) Indeno(1,2,3-cd)pyrene	25.22	276	3917259	40.533	ng	#	97
87) Benzo(b)fluoranthene	22.52	252	3725999	39.103	ng	#	92
88) Benzo(k)fluoranthene	22.56	252	3744466	41.000	ng	#	95
89) Benzo(a)pyrene	23.04	252	3473423	40.285	ng	#	96
90) Dibenzo(a,h)anthracene	25.23	278	3170472	39.666	ng	#	91
91) Benzo(g,h,i)perylene	25.84	276	3082427	39.273	ng	#	84

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

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