Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040317\
Data File : BM009495.D
Acq On : 03 Apr 2017 11:54
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
4/4/2017 5:33:12 PM

Quant Time: Apr 04 03:19:33 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 12:10:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	161791	20.00	ng		-0.02
21) Naphthalene-d8	10.65	136	632509	20.00	ng		-0.02
38) Acenaphthene-d10	14.49	164	369567	20.00	ng		-0.01
63) Phenanthrene-d10	17.24	188	841712	20.00	ng		-0.01
75) Chrysene-d12	21.41	240	1110243	20.00	ng		-0.01
86) Perylene-d12	23.74	264	1026226	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	760919	78.39	ng		-0.01
7) Phenol-d6	7.01	99	1075464	81.25	ng		-0.01
23) Nitrobenzene-d5	9.02	82	1377953	81.68	ng		-0.01
41) 2,4,6-Tribromophenol	15.99	330	387431	84.39	ng		-0.01
44) 2-Fluorobiphenyl	13.11	172	2484704	81.01	ng		-0.01
78) Terphenyl-d14	19.86	244	4368219	82.22	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	183004	37.49	ng	#	100
3) Pyridine	3.75	79	546995	39.66	ng	#	86
4) n-Nitrosodimethylamine	3.67	42	297853	40.56	ng	#	62
6) Aniline	7.18	93	716179	39.81	ng	#	88
8) 2-Chlorophenol	7.41	128	389047	39.53	ng	#	81
9) Benzaldehyde	6.99	77	365618	35.09	ng		81
10) Phenol	7.03	94	574849	40.08	ng		88
11) bis(2-Chloroethyl)ether	7.27	93	468030	39.81	ng	#	82
12) 1,3-Dichlorobenzene	7.73	146	464853	39.45	ng	#	91
13) 1,4-Dichlorobenzene	7.88	146	483704	39.73	ng	#	94
14) 1,2-Dichlorobenzene	8.20	146	465218	39.35	ng		92
15) Benzyl Alcohol	8.09	79	464275	40.12	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.36	45	803547	39.33	ng		96
17) 2-Methylphenol	8.28	107	383490	40.86	ng	#	86
18) Hexachloroethane	8.92	117	205749	41.31	ng		90
19) n-Nitroso-di-n-propylamine	8.65	70	434174	40.69	ng	#	90
20) 3+4-Methylphenols	8.61	107	520107	40.76	ng		88
22) Acetophenone	8.67	105	721958	40.47	ng	#	91
24) Nitrobenzene	9.06	77	666403	40.32	ng		91
25) Isophorone	9.57	82	1069278	41.55	ng	#	90
26) 2-Nitrophenol	9.76	139	204569	41.04	ng	#	47
27) 2,4-Dimethylphenol	9.81	122	379072	41.57	ng	#	82
28) bis(2-Chloroethoxy)methane	10.06	93	632364	39.69	ng		98
29) 2,4-Dichlorophenol	10.29	162	390268	40.94	ng		95
30) 1,2,4-Trichlorobenzene	10.50	180	468890	39.64	ng		99
31) Naphthalene	10.69	128	1354857	40.36	ng		99
32) Benzoic acid	9.95	122	176553	28.80	ng	#	77
33) 4-Chloroaniline	10.81	127	543255	41.95	ng	#	82
34) Hexachlorobutadiene	10.96	225	318090	39.27	ng		95
35) Caprolactam	11.60	113	123454	42.42	ng	#	70
36) 4-Chloro-3-methylphenol	11.92	107	446793	41.43	ng	#	81
37) 2-Methylnaphthalene	12.30	142	930198	40.14	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	555700	39.83	ng	#	100
40) Hexachlorocyclopentadiene	12.64	237	293546	36.66	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	330227	41.39	ng		99
43) 2,4,5-Trichlorophenol	12.99	196	364612	40.96	ng	#	90
45) 1,1'-Biphenyl	13.32	154	1258635	40.92	ng		97
46) 2-Chloronaphthalene	13.36	162	970678	40.63	ng		95
47) 2-Nitroaniline	13.57	65	383369	43.56	ng	#	67
48) Acenaphthylene	14.22	152	1621985	41.68	ng		99
49) Dimethylphthalate	13.94	163	1171363	41.28	ng	#	99
50) 2,6-Dinitrotoluene	14.07	165	262736	42.97	ng	#	70
51) Acenaphthene	14.56	154	978932	41.70	ng		97
52) 3-Nitroaniline	14.40	138	258532	42.91	ng	#	51
53) 2,4-Dinitrophenol	14.61	184	98283	27.67	ng		98
54) Dibenzofuran	14.89	168	1425784	41.07	ng		96
55) 4-Nitrophenol	14.70	139	194295	39.02	ng	#	23
56) 2,4-Dinitrotoluene	14.86	165	366429	44.29	ng	#	98
57) Fluorene	15.54	166	1288850	41.30	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.12	232	311887	41.43	ng	#	100
59) Diethylphthalate	15.31	149	1213888	42.17	ng		98
60) 4-Chlorophenyl-phenylether	15.53	204	666971	40.93	ng		98
61) 4-Nitroaniline	15.57	138	281464	43.02	ng	#	27
62) Azobenzene	15.83	77	1446294	43.04	ng		87
64) 4,6-Dinitro-2-methylphenol	15.62	198	202070	38.11	ng		88
65) n-Nitrosodiphenylamine	15.75	169	1059768	41.45	ng		98
66) 4-Bromophenyl-phenylether	16.43	248	396866	40.69	ng	#	91
67) Hexachlorobenzene	16.54	284	431172	40.34	ng	#	91
68) Atrazine	16.70	200	401990	41.81	ng		98
69) Pentachlorophenol	16.89	266	250036	38.29	ng		99
70) Phenanthrene	17.28	178	1992390	41.39	ng		99
71) Anthracene	17.37	178	2050994	42.09	ng		99
72) Carbazole	17.64	167	1996627	42.78	ng		98
73) Di-n-butylphthalate	18.19	149	2137059	44.83	ng	#	97
74) Fluoranthene	19.30	202	2441367	42.82	ng		99
76) Benzidine	19.49	184	1126181	34.03	ng		98
77) Pyrene	19.66	202	2555068	40.58	ng		100
79) Butylbenzylphthalate	20.54	149	1025248	45.22	ng	#	73
80) Benzo(a)anthracene	21.40	228	2640095	40.71	ng		99
81) 3,3'-Dichlorobenzidine	21.34	252	1009785	41.59	ng	#	98
82) Chrysene	21.46	228	2530719	40.87	ng		98
83) Bis(2-ethylhexyl)phthalate	21.31	149	1524303	45.05	ng		98
84) Di-n-octyl phthalate	22.21	149	2572259	45.68	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.11	276	2835943	42.00	ng	#	100
87) Benzo(b)fluoranthene	23.04	252	2603308	40.02	ng	#	96
88) Benzo(k)fluoranthene	23.09	252	2628010m	42.01	ng		
89) Benzo(a)pyrene	23.64	252	2477873	41.14	ng		100
90) Dibenzo(a,h)anthracene	26.12	278	2435276	41.27	ng	#	95
91) Benzo(g,h,i)perylene	26.84	276	2377531	41.33	ng	#	92

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

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