Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032917\
Data File : BM009432.D
Acq On : 29 Mar 2017 14:49
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Mar 30 00:58:17 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 16:43:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	133583	20.00	ng		-0.01
21) Naphthalene-d8	10.65	136	539195	20.00	ng		-0.01
38) Acenaphthene-d10	14.50	164	327809	20.00	ng		0.00
63) Phenanthrene-d10	17.25	188	778650	20.00	ng		0.00
75) Chrysene-d12	21.42	240	1031972	20.00	ng		0.00
86) Perylene-d12	23.74	264	952293	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	629842	78.59	ng		-0.01
7) Phenol-d6	7.01	99	903380	82.66	ng		-0.01
23) Nitrobenzene-d5	9.02	82	1185626	82.44	ng		-0.01
41) 2,4,6-Tribromophenol	15.99	330	356347	87.50	ng		-0.01
44) 2-Fluorobiphenyl	13.11	172	2178492	80.08	ng		-0.01
78) Terphenyl-d14	19.86	244	4035898	81.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	150434	37.33	ng	#	100
3) Pyridine	3.75	79	453677	39.84	ng	#	81
4) n-Nitrosodimethylamine	3.67	42	250936	41.39	ng	#	59
6) Aniline	7.19	93	615407	41.44	ng		92
8) 2-Chlorophenol	7.42	128	336030	41.35	ng	#	79
9) Benzaldehyde	7.00	77	321236	37.34	ng	#	80
10) Phenol	7.03	94	488032	41.21	ng		93
11) bis(2-Chloroethyl)ether	7.28	93	393527	40.54	ng		85
12) 1,3-Dichlorobenzene	7.74	146	387450	39.83	ng	#	85
13) 1,4-Dichlorobenzene	7.89	146	393465	39.14	ng	#	93
14) 1,2-Dichlorobenzene	8.20	146	388140	39.76	ng	#	93
15) Benzyl Alcohol	8.09	79	401387	42.01	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.37	45	697968	41.37	ng		94
17) 2-Methylphenol	8.29	107	324430	41.87	ng	#	84
18) Hexachloroethane	8.92	117	169578	41.24	ng		93
19) n-Nitroso-di-n-propylamine	8.66	70	382628	43.43	ng	#	91
20) 3+4-Methylphenols	8.61	107	446373	42.37	ng		87
22) Acetophenone	8.68	105	620946	40.83	ng	#	90
24) Nitrobenzene	9.06	77	578463	41.06	ng		89
25) Isophorone	9.58	82	920190	41.94	ng	#	89
26) 2-Nitrophenol	9.77	139	181145	42.63	ng	#	48
27) 2,4-Dimethylphenol	9.82	122	327272	42.10	ng	#	84
28) bis(2-Chloroethoxy)methane	10.06	93	560930	41.30	ng		98
29) 2,4-Dichlorophenol	10.29	162	335757	41.32	ng		91
30) 1,2,4-Trichlorobenzene	10.51	180	406602	40.33	ng		98
31) Naphthalene	10.70	128	1180024	41.23	ng		99
32) Benzoic acid	9.94	122	213020	40.29	ng	#	72
33) 4-Chloroaniline	10.82	127	470050	42.58	ng	#	79
34) Hexachlorobutadiene	10.97	225	277539	40.20	ng		96
35) Caprolactam	11.60	113	108146	43.59	ng	#	59
36) 4-Chloro-3-methylphenol	11.93	107	392221	42.66	ng	#	79
37) 2-Methylnaphthalene	12.31	142	825088	41.77	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	488750	39.49	ng	#	100
40) Hexachlorocyclopentadiene	12.65	237	270056	38.02	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	296501	41.90	ng		96
43) 2,4,5-Trichlorophenol	12.99	196	328197	41.57	ng	#	86
45) 1,1'-Biphenyl	13.32	154	1113393	40.81	ng		94
46) 2-Chloronaphthalene	13.37	162	860068	40.59	ng		96
47) 2-Nitroaniline	13.58	65	343009	43.93	ng	#	68
48) Acenaphthylene	14.22	152	1453238	42.10	ng		99
49) Dimethylphthalate	13.95	163	1045985	41.56	ng	#	98
50) 2,6-Dinitrotoluene	14.07	165	237206	43.74	ng	#	67
51) Acenaphthene	14.56	154	869034	41.73	ng		98
52) 3-Nitroaniline	14.41	138	234233	43.83	ng	#	56
53) 2,4-Dinitrophenol	14.62	184	114680	34.68	ng		99
54) Dibenzofuran	14.89	168	1289826	41.88	ng		95
55) 4-Nitrophenol	14.70	139	186345	42.19	ng	#	17
56) 2,4-Dinitrotoluene	14.87	165	319073	43.48	ng	#	97
57) Fluorene	15.55	166	1169220	42.24	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.12	232	286277	42.87	ng	#	100
59) Diethylphthalate	15.32	149	1098545	43.03	ng		98
60) 4-Chlorophenyl-phenylether	15.54	204	599413	41.47	ng		97
61) 4-Nitroaniline	15.57	138	259794	44.76	ng	#	26
62) Azobenzene	15.83	77	1322790	44.38	ng		84
64) 4,6-Dinitro-2-methylphenol	15.63	198	193681	39.48	ng		92
65) n-Nitrosodiphenylamine	15.75	169	964763	40.79	ng		99
66) 4-Bromophenyl-phenylether	16.43	248	377333	41.83	ng		93
67) Hexachlorobenzene	16.55	284	404967	40.95	ng	#	94
68) Atrazine	16.70	200	360985	40.58	ng		96
69) Pentachlorophenol	16.89	266	238824	39.54	ng		99
70) Phenanthrene	17.29	178	1833094	41.17	ng		99
71) Anthracene	17.37	178	1873921	41.57	ng		99
72) Carbazole	17.65	167	1835750	42.52	ng		99
73) Di-n-butylphthalate	18.20	149	1910985	43.34	ng	#	98
74) Fluoranthene	19.30	202	2212259	41.95	ng		98
76) Benzidine	19.49	184	1149964	37.39	ng		100
77) Pyrene	19.66	202	2390213	40.84	ng		98
79) Butylbenzylphthalate	20.55	149	901878	42.79	ng	#	77
80) Benzo(a)anthracene	21.40	228	2483945	41.21	ng		99
81) 3,3'-Dichlorobenzidine	21.34	252	944201	41.83	ng	#	99
82) Chrysene	21.46	228	2370389	41.19	ng		99
83) Bis(2-ethylhexyl)phthalate	21.32	149	1301576	41.38	ng		97
84) Di-n-octyl phthalate	22.22	149	2235884	42.72	ng	#	90
85) Indeno(1,2,3-cd)pyrene	26.12	276	2638932	42.04	ng	#	100
87) Benzo(b)fluoranthene	23.04	252	2445462	40.51	ng	#	96
88) Benzo(k)fluoranthene	23.09	252	2406550	41.45	ng		98
89) Benzo(a)pyrene	23.64	252	2319165	41.49	ng		99
90) Dibenzo(a,h)anthracene	26.13	278	2267218	41.40	ng	#	95
91) Benzo(g,h,i)perylene	26.84	276	2231284	41.80	ng	#	91

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

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