Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071217\
Data File : BM010796.D
Acq On : 12 Jul 2017 11:54
Operator : SJ/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICCC040

Quant Time: Jul 12 14:01:10 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 13:55:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	217114	20.00	ng		0.00
21) Naphthalene-d8	10.21	136	851228	20.00	ng		0.00
38) Acenaphthene-d10	14.10	164	553759	20.00	ng		0.00
63) Phenanthrene-d10	16.85	188	1346244	20.00	ng		0.00
75) Chrysene-d12	21.07	240	1547128	20.00	ng		0.00
86) Perylene-d12	23.20	264	1422068	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	1050738	87.40	ng		0.00
7) Phenol-d6	6.64	99	1437131	92.89	ng		0.00
23) Nitrobenzene-d5	8.59	82	1749489	110.88	ng		0.00
41) 2,4,6-Tribromophenol	15.60	330	680563	80.92	ng		0.00
44) 2-Fluorobiphenyl	12.71	172	3501530	81.29	ng		0.00
78) Terphenyl-d14	19.51	244	6307614	92.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	232365	42.063	ng	#	100
3) Pyridine	3.46	79	653624	44.199	ng		90
4) n-Nitrosodimethylamine	3.39	42	322501	60.294	ng	#	79
6) Aniline	6.79	93	905574	47.243	ng		94
8) 2-Chlorophenol	7.02	128	525837	40.198	ng		89
9) Benzaldehyde	6.60	77	503925	52.326	ng		86
10) Phenol	6.66	94	766982	47.044	ng		98
11) bis(2-Chloroethyl)ether	6.89	93	582930	47.967	ng		97
12) 1,3-Dichlorobenzene	7.34	146	628891	37.833	ng	#	83
13) 1,4-Dichlorobenzene	7.48	146	649455	38.034	ng	#	91
14) 1,2-Dichlorobenzene	7.79	146	617960	37.701	ng	#	89
15) Benzyl Alcohol	7.69	79	679383	58.042	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	7.97	45	511675	42.823	ng		79
17) 2-Methylphenol	7.89	107	502204	43.290	ng	#	79
18) Hexachloroethane	8.51	117	272192	49.173	ng	#	79
19) n-Nitroso-di-n-propylamine	8.26	70	561035	51.378	ng		93
20) 3+4-Methylphenols	8.22	107	690808	44.092	ng		85
22) Acetophenone	8.26	105	1000873	45.869	ng	#	96
24) Nitrobenzene	8.63	77	889989	54.755	ng		91
25) Isophorone	9.16	82	1443332	52.941	ng	#	87
26) 2-Nitrophenol	9.34	139	295654	43.153	ng	#	31
27) 2,4-Dimethylphenol	9.41	122	537552	43.453	ng	#	70
28) bis(2-Chloroethoxy)methane	9.65	93	814062	47.050	ng		98
29) 2,4-Dichlorophenol	9.86	162	601515	42.232	ng		97
30) 1,2,4-Trichlorobenzene	10.08	180	730958	39.665	ng		99
31) Naphthalene	10.26	128	1716896	37.704	ng		99
32) Benzoic acid	9.55	122	436878	51.821	ng	#	72
33) 4-Chloroaniline	10.37	127	706115	40.251	ng	#	81
34) Hexachlorobutadiene	10.55	225	573974	46.692	ng		96
35) Caprolactam	11.16	113	167579	41.003	ng	#	89
36) 4-Chloro-3-methylphenol	11.51	107	741333	48.056	ng	#	73
37) 2-Methylnaphthalene	11.88	142	1217810	37.144	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	960195	45.091	ng	#	100
40) Hexachlorocyclopentadiene	12.24	237	576027	46.849	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.51	196	586821	46.786	ng		96
43) 2,4,5-Trichlorophenol	12.58	196	606006	43.726	ng	#	85
45) 1,1'-Biphenyl	12.92	154	1914776	42.047	ng		99
46) 2-Chloronaphthalene	12.96	162	1395382	37.846	ng	#	93
47) 2-Nitroaniline	13.17	65	480563	50.687	ng	#	72
48) Acenaphthylene	13.82	152	2121568	38.915	ng		99
49) Dimethylphthalate	13.57	163	1849730	37.447	ng	#	98
50) 2,6-Dinitrotoluene	13.69	165	372753	39.741	ng	#	68
51) Acenaphthene	14.16	154	1266780	37.378	ng		100
52) 3-Nitroaniline	14.02	138	340236	39.028	ng	#	46
53) 2,4-Dinitrophenol	14.22	184	260062	48.099	ng	#	89
54) Dibenzofuran	14.50	168	2065454	38.756	ng	#	89
55) 4-Nitrophenol	14.33	139	297663	42.428	ng	#	1
56) 2,4-Dinitrotoluene	14.48	165	530267	39.960	ng		93
57) Fluorene	15.16	166	1768297	38.156	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.73	232	554192	46.946	ng	#	100
59) Diethylphthalate	14.95	149	1859575	39.818	ng		99
60) 4-Chlorophenyl-phenylether	15.16	204	1063365	40.867	ng		97
61) 4-Nitroaniline	15.19	138	365450	41.295	ng	#	1
62) Azobenzene	15.45	77	1900914	55.356	ng		88
64) 4,6-Dinitro-2-methylphenol	15.24	198	358296	43.565	ng		93
65) n-Nitrosodiphenylamine	15.38	169	1538733	38.137	ng		98
66) 4-Bromophenyl-phenylether	16.06	248	690928	40.091	ng	#	90
67) Hexachlorobenzene	16.16	284	770659	36.806	ng	#	88
68) Atrazine	16.34	200	650372	42.514	ng		96
69) Pentachlorophenol	16.51	266	517216	44.974	ng		96
70) Phenanthrene	16.90	178	2785734	36.984	ng		100
71) Anthracene	16.99	178	2794457	37.384	ng		99
72) Carbazole	17.26	167	2459066	37.156	ng		99
73) Di-n-butylphthalate	17.84	149	2992372	38.136	ng	#	96
74) Fluoranthene	18.93	202	3488188	35.667	ng		98
76) Benzidine	19.13	184	1792373	62.810	ng		99
77) Pyrene	19.29	202	3597418	43.370	ng		98
79) Butylbenzylphthalate	20.22	149	1292909	42.107	ng	#	77
80) Benzo(a)anthracene	21.05	228	3574220	41.919	ng		100
81) 3,3'-Dichlorobenzidine	21.00	252	1451909	42.333	ng	#	96
82) Chrysene	21.10	228	3417263	42.256	ng		99
83) Bis(2-ethylhexyl)phthalate	21.01	149	1937648	42.198	ng		99
84) Di-n-octyl phthalate	21.87	149	3118317	37.931	ng		99
85) Indeno(1,2,3-cd)pyrene	25.31	276	3893654	32.833	ng	#	100
87) Benzo(b)fluoranthene	22.57	252	3633775	43.661	ng	#	92
88) Benzo(k)fluoranthene	22.61	252	3443618	42.233	ng	#	95
89) Benzo(a)pyrene	23.11	252	3300155	41.613	ng	#	96
90) Dibenzo(a,h)anthracene	25.32	278	3214605	36.248	ng	#	92
91) Benzo(g,h,i)perylene	25.95	276	3153363	36.289	ng	#	86

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

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