Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM010002.D
Acq On : 12 May 2017 01:42
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: May 12 06:59:35 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 19:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	51823	20.00	ng		-0.02
21) Naphthalene-d8	10.56	136	239823	20.00	ng		-0.02
38) Acenaphthene-d10	14.42	164	164955	20.00	ng		-0.02
63) Phenanthrene-d10	17.17	188	437724	20.00	ng		-0.02
75) Chrysene-d12	21.36	240	581819	20.00	ng		-0.02
86) Perylene-d12	23.66	264	461786	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	270766	81.76	ng		-0.02
7) Phenol-d6	6.94	99	440883	83.09	ng		-0.03
23) Nitrobenzene-d5	8.93	82	534837	81.50	ng		-0.02
41) 2,4,6-Tribromophenol	15.92	330	199488	88.36	ng		-0.02
44) 2-Fluorobiphenyl	13.03	172	979319	79.40	ng		-0.02
78) Terphenyl-d14	19.80	244	2232001	80.85	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	50459	41.13	ng	#	100
3) Pyridine	3.68	79	179310	39.65	ng	#	91
4) n-Nitrosodimethylamine	3.60	42	96747	39.06	ng	#	74
6) Aniline	7.10	93	286939	41.65	ng		89
8) 2-Chlorophenol	7.33	128	145516	40.48	ng	#	75
9) Benzaldehyde	6.92	77	164526	41.42	ng	#	81
10) Phenol	6.97	94	240517	41.71	ng		87
11) bis(2-Chloroethyl)ether	7.19	93	186690	41.64	ng		84
12) 1,3-Dichlorobenzene	7.65	146	161643	40.28	ng	#	80
13) 1,4-Dichlorobenzene	7.80	146	167347	40.69	ng	#	91
14) 1,2-Dichlorobenzene	8.11	146	167759	42.07	ng	#	90
15) Benzyl Alcohol	8.02	79	195805	43.30	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	8.29	45	300134	42.18	ng		98
17) 2-Methylphenol	8.21	107	151792	40.33	ng	#	84
18) Hexachloroethane	8.82	117	73585	43.16	ng		85
19) n-Nitroso-di-n-propylamine	8.57	70	201754	41.91	ng	#	92
20) 3+4-Methylphenols	8.55	107	217776	42.50	ng		88
22) Acetophenone	8.59	105	298665	40.74	ng	#	89
24) Nitrobenzene	8.98	77	282726	40.48	ng	#	83
25) Isophorone	9.49	82	469144	41.54	ng	#	86
26) 2-Nitrophenol	9.68	139	89271	42.45	ng	#	40
27) 2,4-Dimethylphenol	9.74	122	159882	40.62	ng	#	83
28) bis(2-Chloroethoxy)methane	9.97	93	284721	41.85	ng		99
29) 2,4-Dichlorophenol	10.22	162	158320	41.34	ng		86
30) 1,2,4-Trichlorobenzene	10.42	180	183844	41.11	ng		98
31) Naphthalene	10.60	128	533035	40.37	ng		99
32) Benzoic acid	9.92	122	107364	40.78	ng	#	62
33) 4-Chloroaniline	10.73	127	231773	41.29	ng	#	73
34) Hexachlorobutadiene	10.87	225	125345	41.19	ng		98
35) Caprolactam	11.56	113	62512	41.78	ng	#	67
36) 4-Chloro-3-methylphenol	11.86	107	221034	43.19	ng	#	78
37) 2-Methylnaphthalene	12.22	142	383860	40.62	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	236013	39.31	ng	#	100
40) Hexachlorocyclopentadiene	12.56	237	37733	39.98	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	150897	40.83	ng		97
43) 2,4,5-Trichlorophenol	12.93	196	165904	41.32	ng	#	85
45) 1,1'-Biphenyl	13.24	154	553797	40.34	ng		95
46) 2-Chloronaphthalene	13.29	162	444483	41.20	ng		98
47) 2-Nitroaniline	13.52	65	212077	43.43	ng	#	70
48) Acenaphthylene	14.14	152	702062	41.33	ng		98
49) Dimethylphthalate	13.88	163	606036	41.68	ng		99
50) 2,6-Dinitrotoluene	14.02	165	123167	41.80	ng	#	55
51) Acenaphthene	14.48	154	439022	41.01	ng		97
52) 3-Nitroaniline	14.35	138	134982	43.13	ng	#	54
53) 2,4-Dinitrophenol	14.57	184	62622	40.72	ng	#	82
54) Dibenzofuran	14.82	168	668833	40.78	ng		97
55) 4-Nitrophenol	14.67	139	90460	43.17	ng	#	16
56) 2,4-Dinitrotoluene	14.81	165	182397	41.84	ng	#	75
57) Fluorene	15.47	166	604007	41.77	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.05	232	141509	40.80	ng	#	100
59) Diethylphthalate	15.24	149	638931	41.85	ng		98
60) 4-Chlorophenyl-phenylether	15.46	204	322986	40.91	ng		94
61) 4-Nitroaniline	15.52	138	143280	44.94	ng	#	29
62) Azobenzene	15.76	77	783660	42.31	ng		86
64) 4,6-Dinitro-2-methylphenol	15.58	198	109303	39.29	ng		89
65) n-Nitrosodiphenylamine	15.68	169	543890	40.04	ng		98
66) 4-Bromophenyl-phenylether	16.36	248	206077	39.64	ng		96
67) Hexachlorobenzene	16.47	284	226557	39.26	ng	#	88
68) Atrazine	16.64	200	207253	41.75	ng		97
69) Pentachlorophenol	16.83	266	103590	40.01	ng		98
70) Phenanthrene	17.22	178	1004046	39.96	ng		98
71) Anthracene	17.30	178	1025866	40.03	ng		100
72) Carbazole	17.59	167	928735	40.59	ng		99
73) Di-n-butylphthalate	18.13	149	1198945	41.22	ng	#	96
74) Fluoranthene	19.23	202	1311192	40.68	ng		98
76) Benzidine	19.43	184	598113	41.12	ng		99
77) Pyrene	19.60	202	1398319	40.38	ng		98
79) Butylbenzylphthalate	20.49	149	584310	40.53	ng	#	61
80) Benzo(a)anthracene	21.34	228	1410371	40.35	ng		98
81) 3,3'-Dichlorobenzidine	21.28	252	528478	41.04	ng		97
82) Chrysene	21.40	228	1305625	39.82	ng		98
83) Bis(2-ethylhexyl)phthalate	21.25	149	874358	40.61	ng		98
84) Di-n-octyl phthalate	22.14	149	1515472	41.03	ng	#	87
85) Indeno(1,2,3-cd)pyrene	25.99	276	1091935	39.51	ng	#	100
87) Benzo(b)fluoranthene	22.96	252	1290984	41.28	ng	#	96
88) Benzo(k)fluoranthene	23.01	252	1220250	41.07	ng		98
89) Benzo(a)pyrene	23.56	252	1135929	41.20	ng		99
90) Dibenzo(a,h)anthracene	26.00	278	988955	40.65	ng	#	94
91) Benzo(g,h,i)perylene	26.71	276	894412	39.89	ng	#	91

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

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