Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080517\
Data File : BM011138.D
Acq On : 05 Aug 2017 12:41
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Aug 06 01:15:54 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	7.32	152	147008	20.00	ng		-0.08
21) Naphthalene-d8	10.07	136	701676	20.00	ng		-0.08
38) Acenaphthene-d10	13.98	164	590982	20.00	ng		-0.07
63) Phenanthrene-d10	16.74	188	1781553	20.00	ng		-0.07
75) Chrysene-d12	20.97	240	2306034	20.00	ng		-0.06
86) Perylene-d12	23.05	264	2072956	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	4.95	112	647010	74.40	ng		-0.08
7) Phenol-d6	6.52	99	962103	77.86	ng		-0.08
23) Nitrobenzene-d5	8.46	82	1433887	76.70	ng		-0.08
41) 2,4,6-Tribromophenol	15.49	330	818148	86.37	ng		-0.06
44) 2-Fluorobiphenyl	12.59	172	3391336	71.97	ng		-0.07
78) Terphenyl-d14	19.41	244	8242056	70.80	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	148479	38.026	ng	#	100
3) Pyridine	3.33	79	425999	39.942	ng		88
4) n-Nitrosodimethylamine	3.25	42	230909	42.485	ng	#	76
6) Aniline	6.66	93	645891	41.475	ng	#	85
8) 2-Chlorophenol	6.89	128	336678	38.133	ng	#	74
9) Benzaldehyde	6.47	77	289655	36.231	ng	#	67
10) Phenol	6.55	94	537373	40.041	ng		95
11) bis(2-Chloroethyl)ether	6.76	93	415273	39.713	ng		86
12) 1,3-Dichlorobenzene	7.20	146	409915	38.095	ng	#	76
13) 1,4-Dichlorobenzene	7.35	146	426955	38.710	ng	#	90
14) 1,2-Dichlorobenzene	7.66	146	421764	39.995	ng	#	90
15) Benzyl Alcohol	7.56	79	506655	42.744	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	7.86	45	433756	46.096	ng		76
17) 2-Methylphenol	7.77	107	359191	41.877	ng	#	74
18) Hexachloroethane	8.37	117	200962	41.780	ng	#	80
19) n-Nitroso-di-n-propylamine	8.13	70	530671	50.540	ng	#	92
20) 3+4-Methylphenols	8.10	107	486104	40.770	ng	#	81
22) Acetophenone	8.13	105	758904	36.081	ng	#	89
24) Nitrobenzene	8.50	77	736252	38.004	ng	#	81
25) Isophorone	9.03	82	1385079	44.434	ng	#	83
26) 2-Nitrophenol	9.20	139	217775	35.329	ng	#	21
27) 2,4-Dimethylphenol	9.28	122	397256	36.608	ng	#	66
28) bis(2-Chloroethoxy)methane	9.52	93	658376	37.869	ng		99
29) 2,4-Dichlorophenol	9.73	162	445815	36.561	ng		92
30) 1,2,4-Trichlorobenzene	9.95	180	548114	36.354	ng		95
31) Naphthalene	10.12	128	1337456	37.889	ng		97
32) Benzoic acid	9.44	122	323573	37.097	ng	#	52
33) 4-Chloroaniline	10.25	127	421274	29.917	ng	#	70
34) Hexachlorobutadiene	10.41	225	480527	40.465	ng		97
35) Caprolactam	11.05	113	159349	46.081	ng		93
36) 4-Chloro-3-methylphenol	11.39	107	693446	44.042	ng	#	73
37) 2-Methylnaphthalene	11.75	142	1015355	39.156	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.13	216	883724	34.805	ng	#	100
40) Hexachlorocyclopentadiene	12.11	237	224406	15.168	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.39	196	578096	37.617	ng		97
43) 2,4,5-Trichlorophenol	12.46	196	569212	35.962	ng	#	87
45) 1,1'-Biphenyl	12.80	154	1843378	36.073	ng		95
46) 2-Chloronaphthalene	12.84	162	1337600	35.527	ng		93
47) 2-Nitroaniline	13.06	65	522516	39.228	ng	#	62
48) Acenaphthylene	13.70	152	2127560	37.864	ng		100
49) Dimethylphthalate	13.46	163	1977635	39.118	ng	#	99
50) 2,6-Dinitrotoluene	13.58	165	418798	40.965	ng	#	57
51) Acenaphthene	14.04	154	1332143	38.289	ng		98
52) 3-Nitroaniline	13.90	138	288819	32.556	ng	#	16
53) 2,4-Dinitrophenol	14.12	184	285256	39.261	ng	#	84
54) Dibenzofuran	14.39	168	2191156	38.869	ng	#	89
55) 4-Nitrophenol	14.23	139	201963	25.911	ng		88
56) 2,4-Dinitrotoluene	14.37	165	605492	42.188	ng	#	81
57) Fluorene	15.04	166	2018792	41.131	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.62	232	623043	41.995	ng	#	100
59) Diethylphthalate	14.84	149	2232243	43.234	ng		99
60) 4-Chlorophenyl-phenylether	15.05	204	1195751	40.351	ng		97
61) 4-Nitroaniline	15.08	138	158789	16.851	ng	#	1
62) Azobenzene	15.34	77	2546512	46.084	ng		87
64) 4,6-Dinitro-2-methylphenol	15.14	198	461105	38.232	ng		97
65) n-Nitrosodiphenylamine	15.27	169	1758199	34.484	ng		99
66) 4-Bromophenyl-phenylether	15.94	248	837895	36.585	ng	#	89
67) Hexachlorobenzene	16.05	284	941837	36.392	ng	#	90
68) Atrazine	16.24	200	760409	37.217	ng		98
69) Pentachlorophenol	16.40	266	627960	38.219	ng		97
70) Phenanthrene	16.79	178	3562272	38.187	ng		99
71) Anthracene	16.87	178	3510763	37.736	ng		99
72) Carbazole	17.16	167	2542493	31.249	ng		99
73) Di-n-butylphthalate	17.74	149	4057851	40.955	ng	#	96
74) Fluoranthene	18.82	202	4863186	42.068	ng		99
76) Benzidine	19.04	184	295802	5.362	ng	#	95
77) Pyrene	19.19	202	5152347	37.602	ng		100
79) Butylbenzylphthalate	20.13	149	1969250	40.416	ng	#	68
80) Benzo(a)anthracene	20.95	228	4989197	37.891	ng		100
81) 3,3'-Dichlorobenzidine	20.90	252	1521095	29.447	ng	#	96
82) Chrysene	21.00	228	4740411	37.505	ng		99
83) Bis(2-ethylhexyl)phthalate	20.92	149	2892714	40.356	ng	#	98
84) Di-n-octyl phthalate	21.76	149	4865218	41.820	ng		98
85) Indeno(1,2,3-cd)pyrene	25.09	276	4923498	37.612	ng	#	96
87) Benzo(b)fluoranthene	22.44	252	5009329	37.651	ng	#	92
88) Benzo(k)fluoranthene	22.49	252	4817949	37.783	ng	#	95
89) Benzo(a)pyrene	22.97	252	4554907	37.835	ng	#	94
90) Dibenzo(a,h)anthracene	25.11	278	3788980	33.950	ng	#	90
91) Benzo(g,h,i)perylene	25.71	276	4037451	36.842	ng	#	84

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

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