Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033117\
Data File : BM009487.D
Acq On : 31 Mar 2017 23:09
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Apr 01 02:14:31 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	144653	20.00	ng		-0.02
21) Naphthalene-d8	10.65	136	579687	20.00	ng		-0.02
38) Acenaphthene-d10	14.49	164	354016	20.00	ng		-0.01
63) Phenanthrene-d10	17.24	188	859374	20.00	ng		-0.01
75) Chrysene-d12	21.42	240	1156072	20.00	ng		0.00
86) Perylene-d12	23.74	264	1072600	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	690861	79.61	ng		-0.01
7) Phenol-d6	7.00	99	989667	83.63	ng		-0.02
23) Nitrobenzene-d5	9.02	82	1266632	81.92	ng		-0.01
41) 2,4,6-Tribromophenol	15.99	330	384264	87.37	ng		-0.01
44) 2-Fluorobiphenyl	13.11	172	2370390	80.68	ng		-0.01
78) Terphenyl-d14	19.86	244	4456175	80.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	155216	35.57	ng	#	100
3) Pyridine	3.75	79	486353	39.44	ng	#	81
4) n-Nitrosodimethylamine	3.67	42	262493	39.98	ng	#	63
6) Aniline	7.18	93	668647	41.58	ng		91
8) 2-Chlorophenol	7.41	128	360219	40.94	ng	#	80
9) Benzaldehyde	7.00	77	341593	36.67	ng		83
10) Phenol	7.03	94	532618	41.54	ng		88
11) bis(2-Chloroethyl)ether	7.27	93	421018	40.06	ng	#	82
12) 1,3-Dichlorobenzene	7.73	146	417702	39.65	ng	#	84
13) 1,4-Dichlorobenzene	7.88	146	429842	39.49	ng	#	92
14) 1,2-Dichlorobenzene	8.20	146	417053	39.45	ng	#	93
15) Benzyl Alcohol	8.09	79	430701	41.63	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.36	45	729955	39.96	ng		93
17) 2-Methylphenol	8.28	107	358245	42.70	ng	#	84
18) Hexachloroethane	8.92	117	183737	41.26	ng		90
19) n-Nitroso-di-n-propylamine	8.65	70	410469	43.02	ng	#	88
20) 3+4-Methylphenols	8.61	107	482645	42.31	ng		90
22) Acetophenone	8.67	105	663424	40.58	ng	#	88
24) Nitrobenzene	9.06	77	617532	40.77	ng		91
25) Isophorone	9.57	82	1001824	42.48	ng	#	88
26) 2-Nitrophenol	9.76	139	195042	42.69	ng	#	54
27) 2,4-Dimethylphenol	9.81	122	349096	41.77	ng	#	86
28) bis(2-Chloroethoxy)methane	10.06	93	592487	40.57	ng		99
29) 2,4-Dichlorophenol	10.29	162	364482	41.72	ng		93
30) 1,2,4-Trichlorobenzene	10.50	180	430859	39.75	ng		97
31) Naphthalene	10.69	128	1252178	40.70	ng		99
32) Benzoic acid	9.95	122	218687	37.49	ng	#	62
33) 4-Chloroaniline	10.81	127	507567	42.76	ng	#	81
34) Hexachlorobutadiene	10.96	225	293970	39.60	ng		97
35) Caprolactam	11.60	113	122500	45.93	ng	#	60
36) 4-Chloro-3-methylphenol	11.92	107	426384	43.14	ng	#	82
37) 2-Methylnaphthalene	12.30	142	894306	42.11	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	527937	39.50	ng	#	100
40) Hexachlorocyclopentadiene	12.65	237	281552	36.70	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	319621	41.82	ng		96
43) 2,4,5-Trichlorophenol	12.99	196	353410	41.45	ng	#	90
45) 1,1'-Biphenyl	13.32	154	1195565	40.58	ng		96
46) 2-Chloronaphthalene	13.36	162	920024	40.20	ng		95
47) 2-Nitroaniline	13.58	65	380409	45.12	ng	#	70
48) Acenaphthylene	14.22	152	1568885	42.09	ng		99
49) Dimethylphthalate	13.95	163	1130646	41.60	ng		99
50) 2,6-Dinitrotoluene	14.07	165	255279	43.58	ng	#	75
51) Acenaphthene	14.56	154	936195	41.63	ng		99
52) 3-Nitroaniline	14.41	138	262409	45.47	ng	#	57
53) 2,4-Dinitrophenol	14.62	184	133425	36.93	ng		93
54) Dibenzofuran	14.89	168	1384625	41.63	ng		95
55) 4-Nitrophenol	14.70	139	206316	43.25	ng	#	16
56) 2,4-Dinitrotoluene	14.86	165	356088	44.93	ng	#	97
57) Fluorene	15.54	166	1245451	41.66	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.12	232	310534	43.06	ng	#	100
59) Diethylphthalate	15.31	149	1188767	43.11	ng		98
60) 4-Chlorophenyl-phenylether	15.53	204	639802	40.99	ng		99
61) 4-Nitroaniline	15.57	138	292755	46.71	ng	#	30
62) Azobenzene	15.83	77	1409595	43.79	ng		85
64) 4,6-Dinitro-2-methylphenol	15.62	198	216006	39.90	ng		91
65) n-Nitrosodiphenylamine	15.75	169	1047269	40.12	ng		99
66) 4-Bromophenyl-phenylether	16.43	248	401248	40.30	ng	#	90
67) Hexachlorobenzene	16.54	284	424655	38.91	ng	#	88
68) Atrazine	16.70	200	409087	41.67	ng		97
69) Pentachlorophenol	16.89	266	261600	39.24	ng		96
70) Phenanthrene	17.28	178	1984099	40.38	ng		99
71) Anthracene	17.37	178	2053101	41.27	ng		99
72) Carbazole	17.65	167	2017530	42.34	ng		98
73) Di-n-butylphthalate	18.20	149	2098602	43.12	ng	#	97
74) Fluoranthene	19.30	202	2484406	42.68	ng		99
76) Benzidine	19.49	184	1301899	37.79	ng		99
77) Pyrene	19.66	202	2615005	39.88	ng		98
79) Butylbenzylphthalate	20.55	149	1032882	43.75	ng	#	77
80) Benzo(a)anthracene	21.40	228	2781513	41.20	ng		98
81) 3,3'-Dichlorobenzidine	21.34	252	1089468	43.09	ng	#	97
82) Chrysene	21.46	228	2613944	40.54	ng		99
83) Bis(2-ethylhexyl)phthalate	21.32	149	1519084	43.11	ng		99
84) Di-n-octyl phthalate	22.22	149	2608103	44.48	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.11	276	2978415	42.36	ng	#	100
87) Benzo(b)fluoranthene	23.04	252	2798868	41.17	ng	#	95
88) Benzo(k)fluoranthene	23.09	252	2685190	41.07	ng	#	98
89) Benzo(a)pyrene	23.64	252	2608534	41.43	ng		99
90) Dibenzo(a,h)anthracene	26.12	278	2557595	41.47	ng	#	95
91) Benzo(g,h,i)perylene	26.84	276	2476457	41.19	ng	#	93

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

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