Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040317\
Data File : BM009514.D
Acq On : 03 Apr 2017 23:29
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Apr 04 01:23:39 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	140479	20.00	ng		-0.02
21) Naphthalene-d8	10.65	136	592959	20.00	ng		-0.02
38) Acenaphthene-d10	14.49	164	359009	20.00	ng		-0.01
63) Phenanthrene-d10	17.24	188	867522	20.00	ng		-0.01
75) Chrysene-d12	21.42	240	1157713	20.00	ng		-0.01
86) Perylene-d12	23.74	264	1074478	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	683814	81.14	ng		-0.01
7) Phenol-d6	7.00	99	1006679	87.59	ng		-0.02
23) Nitrobenzene-d5	9.02	82	1284564	81.23	ng		-0.01
41) 2,4,6-Tribromophenol	15.99	330	393689	88.27	ng		-0.01
44) 2-Fluorobiphenyl	13.10	172	2399607	80.54	ng		-0.02
78) Terphenyl-d14	19.86	244	4540854	81.96	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	153695	36.27	ng	#	100
3) Pyridine	3.75	79	488852	40.82	ng	#	82
4) n-Nitrosodimethylamine	3.67	42	264640	41.51	ng	#	64
6) Aniline	7.18	93	658457	42.16	ng		90
8) 2-Chlorophenol	7.41	128	362425	42.41	ng	#	79
9) Benzaldehyde	6.99	77	331050	36.60	ng		86
10) Phenol	7.03	94	529506	42.52	ng		92
11) bis(2-Chloroethyl)ether	7.27	93	420397	41.19	ng	#	79
12) 1,3-Dichlorobenzene	7.73	146	422423	41.29	ng	#	90
13) 1,4-Dichlorobenzene	7.88	146	435672	41.21	ng	#	94
14) 1,2-Dichlorobenzene	8.20	146	418919	40.81	ng	#	93
15) Benzyl Alcohol	8.09	79	434144	43.21	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.37	45	739481	41.68	ng		96
17) 2-Methylphenol	8.28	107	361851	44.41	ng	#	86
18) Hexachloroethane	8.92	117	179479	41.50	ng		90
19) n-Nitroso-di-n-propylamine	8.65	70	411266	44.39	ng	#	90
20) 3+4-Methylphenols	8.61	107	494719	44.66	ng		89
22) Acetophenone	8.67	105	678179	40.55	ng	#	87
24) Nitrobenzene	9.06	77	625616	40.38	ng		90
25) Isophorone	9.57	82	1015807	42.11	ng	#	88
26) 2-Nitrophenol	9.76	139	195577	41.85	ng	#	46
27) 2,4-Dimethylphenol	9.81	122	351145	41.08	ng	#	79
28) bis(2-Chloroethoxy)methane	10.05	93	597027	39.97	ng		98
29) 2,4-Dichlorophenol	10.29	162	374211	41.87	ng		92
30) 1,2,4-Trichlorobenzene	10.50	180	434816	39.21	ng		97
31) Naphthalene	10.69	128	1274367	40.49	ng		99
32) Benzoic acid	9.95	122	196358	33.42	ng	#	77
33) 4-Chloroaniline	10.81	127	515390	42.45	ng	#	80
34) Hexachlorobutadiene	10.96	225	290486	38.26	ng		98
35) Caprolactam	11.60	113	122319	44.83	ng	#	68
36) 4-Chloro-3-methylphenol	11.93	107	441035	43.62	ng	#	80
37) 2-Methylnaphthalene	12.30	142	893894	41.15	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	527514	38.92	ng	#	100
40) Hexachlorocyclopentadiene	12.64	237	273345	35.14	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	318911	41.15	ng		97
43) 2,4,5-Trichlorophenol	12.99	196	356858	41.27	ng	#	90
45) 1,1'-Biphenyl	13.32	154	1205920	40.36	ng		94
46) 2-Chloronaphthalene	13.36	162	938692	40.45	ng		94
47) 2-Nitroaniline	13.57	65	385591	45.10	ng	#	69
48) Acenaphthylene	14.22	152	1576147	41.70	ng		99
49) Dimethylphthalate	13.95	163	1145718	41.56	ng	#	99
50) 2,6-Dinitrotoluene	14.07	165	258379	43.50	ng	#	69
51) Acenaphthene	14.56	154	942278	41.32	ng		99
52) 3-Nitroaniline	14.41	138	271692	46.43	ng	#	64
53) 2,4-Dinitrophenol	14.61	184	142294	38.56	ng		95
54) Dibenzofuran	14.89	168	1393436	41.31	ng		95
55) 4-Nitrophenol	14.70	139	212522	43.93	ng	#	18
56) 2,4-Dinitrotoluene	14.86	165	363271	45.20	ng		99
57) Fluorene	15.54	166	1279853	42.22	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.12	232	312062	42.67	ng	#	100
59) Diethylphthalate	15.31	149	1202449	43.00	ng		99
60) 4-Chlorophenyl-phenylether	15.53	204	654095	41.32	ng		100
61) 4-Nitroaniline	15.57	138	294352	46.31	ng	#	29
62) Azobenzene	15.82	77	1454213	44.55	ng		84
64) 4,6-Dinitro-2-methylphenol	15.62	198	222240	40.66	ng		87
65) n-Nitrosodiphenylamine	15.75	169	1067947	40.53	ng		98
66) 4-Bromophenyl-phenylether	16.43	248	408497	40.64	ng	#	92
67) Hexachlorobenzene	16.54	284	432362	39.24	ng	#	90
68) Atrazine	16.70	200	398749	40.23	ng		98
69) Pentachlorophenol	16.89	266	267308	39.72	ng		96
70) Phenanthrene	17.28	178	2036458	41.05	ng		100
71) Anthracene	17.37	178	2093453	41.68	ng		99
72) Carbazole	17.64	167	2070539	43.05	ng		99
73) Di-n-butylphthalate	18.19	149	2139628	43.55	ng	#	98
74) Fluoranthene	19.30	202	2551850	43.43	ng		99
76) Benzidine	19.49	184	1051431	30.47	ng		98
77) Pyrene	19.66	202	2705683	41.21	ng		99
79) Butylbenzylphthalate	20.54	149	1042997	44.11	ng	#	71
80) Benzo(a)anthracene	21.40	228	2804672	41.48	ng		98
81) 3,3'-Dichlorobenzidine	21.34	252	1061912	41.94	ng	#	98
82) Chrysene	21.46	228	2651799	41.07	ng		99
83) Bis(2-ethylhexyl)phthalate	21.31	149	1533781	43.47	ng		98
84) Di-n-octyl phthalate	22.21	149	2686552	45.75	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.11	276	2978845	42.30	ng	#	100
87) Benzo(b)fluoranthene	23.04	252	2752946	40.42	ng	#	93
88) Benzo(k)fluoranthene	23.08	252	2738378	41.81	ng		98
89) Benzo(a)pyrene	23.64	252	2639753	41.86	ng		99
90) Dibenzo(a,h)anthracene	26.11	278	2593028	41.97	ng	#	96
91) Benzo(g,h,i)perylene	26.84	276	2495581	41.43	ng	#	91

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

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