Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032917\
Data File : BM009444.D
Acq On : 30 Mar 2017 09:47
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Mar 30 13:37:07 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 16:43:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	144792	20.00	ng		-0.01
21) Naphthalene-d8	10.65	136	601585	20.00	ng		-0.01
38) Acenaphthene-d10	14.49	164	381064	20.00	ng		-0.01
63) Phenanthrene-d10	17.24	188	890845	20.00	ng		0.00
75) Chrysene-d12	21.42	240	1167191	20.00	ng		0.00
86) Perylene-d12	23.74	264	1057602	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	711170	81.87	ng		-0.01
7) Phenol-d6	7.01	99	1020347	86.14	ng		-0.01
23) Nitrobenzene-d5	9.02	82	1322868	82.45	ng		-0.01
41) 2,4,6-Tribromophenol	15.99	330	411261	86.88	ng		-0.01
44) 2-Fluorobiphenyl	13.11	172	2488096	78.68	ng		-0.01
78) Terphenyl-d14	19.86	244	4510138	80.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	159158	36.44	ng	#	100
3) Pyridine	3.76	79	496122	40.19	ng	#	81
4) n-Nitrosodimethylamine	3.68	42	267613	40.72	ng	#	66
6) Aniline	7.19	93	686338	42.63	ng		90
8) 2-Chlorophenol	7.41	128	374755	42.55	ng	#	76
9) Benzaldehyde	7.00	77	353386	37.90	ng		86
10) Phenol	7.04	94	554711	43.22	ng		87
11) bis(2-Chloroethyl)ether	7.27	93	443285	42.13	ng		84
12) 1,3-Dichlorobenzene	7.74	146	438511	41.59	ng	#	90
13) 1,4-Dichlorobenzene	7.89	146	448990	41.21	ng	#	95
14) 1,2-Dichlorobenzene	8.20	146	436280	41.23	ng		94
15) Benzyl Alcohol	8.09	79	448160	43.27	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.37	45	766894	41.94	ng		94
17) 2-Methylphenol	8.29	107	368894	43.92	ng	#	89
18) Hexachloroethane	8.92	117	181915	40.81	ng	#	90
19) n-Nitroso-di-n-propylamine	8.66	70	426058	44.62	ng		90
20) 3+4-Methylphenols	8.62	107	507475	44.44	ng		89
22) Acetophenone	8.67	105	694929	40.96	ng	#	88
24) Nitrobenzene	9.06	77	650941	41.41	ng		90
25) Isophorone	9.57	82	1054122	43.07	ng	#	89
26) 2-Nitrophenol	9.77	139	203706	42.97	ng	#	52
27) 2,4-Dimethylphenol	9.82	122	369478	42.60	ng	#	85
28) bis(2-Chloroethoxy)methane	10.06	93	621836	41.03	ng		95
29) 2,4-Dichlorophenol	10.29	162	379673	41.88	ng		94
30) 1,2,4-Trichlorobenzene	10.51	180	446229	39.67	ng		99
31) Naphthalene	10.70	128	1292695	40.48	ng		99
32) Benzoic acid	9.95	122	218394	37.02	ng	#	72
33) 4-Chloroaniline	10.82	127	530058	43.03	ng	#	82
34) Hexachlorobutadiene	10.97	225	305153	39.61	ng		95
35) Caprolactam	11.60	113	126343	45.64	ng	#	55
36) 4-Chloro-3-methylphenol	11.93	107	459155	44.76	ng	#	83
37) 2-Methylnaphthalene	12.31	142	938335	42.57	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	568193	39.49	ng	#	100
40) Hexachlorocyclopentadiene	12.65	237	290623	35.20	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	329367	40.04	ng		98
43) 2,4,5-Trichlorophenol	12.99	196	373818	40.73	ng	#	88
45) 1,1'-Biphenyl	13.32	154	1259425	39.71	ng		95
46) 2-Chloronaphthalene	13.37	162	964412	39.15	ng		95
47) 2-Nitroaniline	13.58	65	399875	44.06	ng	#	71
48) Acenaphthylene	14.22	152	1637321	40.81	ng		99
49) Dimethylphthalate	13.95	163	1204336	41.16	ng	#	98
50) 2,6-Dinitrotoluene	14.08	165	265518	42.11	ng	#	70
51) Acenaphthene	14.56	154	985954	40.73	ng		100
52) 3-Nitroaniline	14.41	138	274709	44.22	ng	#	51
53) 2,4-Dinitrophenol	14.62	184	123203	32.46	ng		95
54) Dibenzofuran	14.89	168	1451212	40.54	ng		94
55) 4-Nitrophenol	14.70	139	210207	40.94	ng	#	16
56) 2,4-Dinitrotoluene	14.86	165	371198	43.52	ng	#	99
57) Fluorene	15.54	166	1313051	40.81	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.12	232	324802	41.84	ng	#	100
59) Diethylphthalate	15.31	149	1258373	42.40	ng		98
60) 4-Chlorophenyl-phenylether	15.53	204	673700	40.10	ng		97
61) 4-Nitroaniline	15.57	138	292450	43.35	ng	#	23
62) Azobenzene	15.83	77	1492613	43.08	ng		86
64) 4,6-Dinitro-2-methylphenol	15.63	198	215265	38.36	ng		92
65) n-Nitrosodiphenylamine	15.75	169	1101974	40.72	ng		99
66) 4-Bromophenyl-phenylether	16.43	248	416503	40.35	ng	#	93
67) Hexachlorobenzene	16.54	284	452846	40.03	ng	#	93
68) Atrazine	16.70	200	418936	41.16	ng		95
69) Pentachlorophenol	16.89	266	268531	38.86	ng		98
70) Phenanthrene	17.29	178	2089286	41.01	ng		99
71) Anthracene	17.37	178	2137401	41.44	ng		100
72) Carbazole	17.65	167	2083927	42.19	ng		99
73) Di-n-butylphthalate	18.20	149	2203669	43.68	ng	#	97
74) Fluoranthene	19.30	202	2544636	42.17	ng		98
76) Benzidine	19.49	184	1291646	37.13	ng		98
77) Pyrene	19.66	202	2670715	40.35	ng		99
79) Butylbenzylphthalate	20.55	149	1015786	42.61	ng	#	76
80) Benzo(a)anthracene	21.40	228	2747534	40.30	ng		99
81) 3,3'-Dichlorobenzidine	21.34	252	1085486	42.52	ng	#	98
82) Chrysene	21.46	228	2622624	40.29	ng		98
83) Bis(2-ethylhexyl)phthalate	21.32	149	1507709	42.38	ng		100
84) Di-n-octyl phthalate	22.22	149	2596146	43.86	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.11	276	2919817	41.13	ng	#	100
87) Benzo(b)fluoranthene	23.04	252	2743167	40.92	ng	#	94
88) Benzo(k)fluoranthene	23.09	252	2642325	40.98	ng	#	98
89) Benzo(a)pyrene	23.64	252	2557546	41.20	ng		98
90) Dibenzo(a,h)anthracene	26.12	278	2499136	41.09	ng	#	96
91) Benzo(g,h,i)perylene	26.84	276	2414812	40.73	ng	#	91

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

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