Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052517\
Data File : BM010231.D
Acq On : 25 May 2017 23:34
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
5/26/2017 2:05:27 PM

Quant Time: May 26 09:07:52 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 07:20:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	137401	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	483157	20.00	ng		0.00
38) Acenaphthene-d10	14.57	164	337839	20.00	ng		0.00
63) Phenanthrene-d10	17.32	188	840557	20.00	ng		0.00
75) Chrysene-d12	21.49	240	1243957	20.00	ng		0.00
86) Perylene-d12	23.84	264	1296516	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	593786	78.04	ng		0.00
7) Phenol-d6	7.13	99	770131	78.66	ng		0.00
23) Nitrobenzene-d5	9.13	82	877966	98.04	ng		0.00
41) 2,4,6-Tribromophenol	16.07	330	435946	84.96	ng		0.00
44) 2-Fluorobiphenyl	13.20	172	2245254	85.44	ng		0.00
78) Terphenyl-d14	19.93	244	4646769	84.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	150475	43.04	ng	#	100
3) Pyridine	3.85	79	372650	39.82	ng		89
4) n-Nitrosodimethylamine	3.76	42	185517	54.81	ng	#	72
6) Aniline	7.30	93	207460m	17.10	ng		
8) 2-Chlorophenol	7.52	128	320062	38.66	ng		95
9) Benzaldehyde	7.10	77	254213	41.71	ng		89
10) Phenol	7.16	94	395328	38.32	ng		96
11) bis(2-Chloroethyl)ether	7.37	93	299185	38.90	ng		97
12) 1,3-Dichlorobenzene	7.83	146	411227	39.09	ng	#	90
13) 1,4-Dichlorobenzene	7.98	146	425319	39.36	ng		96
14) 1,2-Dichlorobenzene	8.30	146	408543	39.38	ng		97
15) Benzyl Alcohol	8.21	79	133274m	17.99	ng		
16) 2,2'-oxybis(1-Chloropropan	8.45	45	259299	34.29	ng		68
17) 2-Methylphenol	8.40	107	289679	39.46	ng	#	81
18) Hexachloroethane	9.02	117	147158	42.01	ng	#	71
19) n-Nitroso-di-n-propylamine	8.75	70	301895	43.69	ng		95
20) 3+4-Methylphenols	8.73	107	385540	38.88	ng		87
22) Acetophenone	8.78	105	531674	42.93	ng	#	96
24) Nitrobenzene	9.17	77	452039	49.00	ng		95
25) Isophorone	9.68	82	695199	44.93	ng	#	92
26) 2-Nitrophenol	9.87	139	179188	46.08	ng	#	57
27) 2,4-Dimethylphenol	9.93	122	287071	40.88	ng	#	80
28) bis(2-Chloroethoxy)methane	10.16	93	397884	40.51	ng		98
29) 2,4-Dichlorophenol	10.40	162	361068	44.66	ng		99
30) 1,2,4-Trichlorobenzene	10.60	180	454339	43.44	ng		99
31) Naphthalene	10.80	128	1045729	40.46	ng		100
32) Benzoic acid	10.07	122	169057	35.33	ng	#	76
33) 4-Chloroaniline	11.06	127	336327m	33.78	ng		
34) Hexachlorobutadiene	11.05	225	334422	47.93	ng		99
35) Caprolactam	11.76	113	94905	40.91	ng	#	81
36) 4-Chloro-3-methylphenol	12.05	107	375197	42.85	ng		86
37) 2-Methylnaphthalene	12.40	142	787019	42.29	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.76	216	565601	43.54	ng	#	100
40) Hexachlorocyclopentadiene	12.72	237	335325	44.70	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.02	196	343769	44.93	ng		96
43) 2,4,5-Trichlorophenol	13.09	196	377298	44.62	ng	#	94
45) 1,1'-Biphenyl	13.41	154	1137341	40.94	ng		99
46) 2-Chloronaphthalene	13.46	162	912685	40.58	ng		96
47) 2-Nitroaniline	13.70	65	266211	46.02	ng	#	80
48) Acenaphthylene	14.30	152	1357320	40.81	ng		100
49) Dimethylphthalate	14.04	163	1241315	41.19	ng	#	99
50) 2,6-Dinitrotoluene	14.17	165	244493	42.73	ng	#	78
51) Acenaphthene	14.64	154	838289	40.54	ng		98
52) 3-Nitroaniline	14.54	138	203410	38.25	ng	#	76
53) 2,4-Dinitrophenol	14.71	184	162096	45.59	ng	#	88
54) Dibenzofuran	14.98	168	1336883	41.12	ng		95
55) 4-Nitrophenol	14.84	139	155720	36.38	ng	#	34
56) 2,4-Dinitrotoluene	14.96	165	345431	42.67	ng	#	89
57) Fluorene	15.62	166	1183943	41.87	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.20	232	324617	45.07	ng	#	100
59) Diethylphthalate	15.39	149	1189335	41.74	ng		97
60) 4-Chlorophenyl-phenylether	15.62	204	682646	43.00	ng		97
61) 4-Nitroaniline	15.70	138	197411	36.56	ng	#	15
62) Azobenzene	15.90	77	1038901	49.59	ng		89
64) 4,6-Dinitro-2-methylphenol	15.71	198	239464	46.63	ng		79
65) n-Nitrosodiphenylamine	15.84	169	1027509	40.79	ng		99
66) 4-Bromophenyl-phenylether	16.51	248	454252	42.22	ng		96
67) Hexachlorobenzene	16.60	284	510523	39.05	ng	#	91
68) Atrazine	16.80	200	300692	31.48	ng		97
69) Pentachlorophenol	16.97	266	318185	44.31	ng		98
70) Phenanthrene	17.37	178	1938725	41.22	ng		99
71) Anthracene	17.46	178	1965178	42.11	ng		99
72) Carbazole	17.74	167	1650161	39.93	ng		98
73) Di-n-butylphthalate	18.26	149	2008752	41.00	ng	#	97
74) Fluoranthene	19.37	202	2524853	41.35	ng		97
76) Benzidine	19.62	184	493307m	21.50	ng		
77) Pyrene	19.74	202	2660153	39.89	ng		100
79) Butylbenzylphthalate	20.61	149	971792	39.36	ng	#	84
80) Benzo(a)anthracene	21.47	228	2870643	41.87	ng		99
81) 3,3'-Dichlorobenzidine	21.42	252	1007779	36.54	ng	#	98
82) Chrysene	21.52	228	2677537	41.18	ng		99
83) Bis(2-ethylhexyl)phthalate	21.35	149	1487417	40.29	ng	#	99
84) Di-n-octyl phthalate	22.26	149	2736943	41.41	ng	#	98
85) Indeno(1,2,3-cd)pyrene	26.26	276	3982435	41.77	ng	#	100
87) Benzo(b)fluoranthene	23.12	252	3247324	42.80	ng	#	93
88) Benzo(k)fluoranthene	23.17	252	3246955	43.68	ng	#	95
89) Benzo(a)pyrene	23.74	252	3129750	43.29	ng	#	97
90) Dibenzo(a,h)anthracene	26.27	278	3407630	42.15	ng	#	92
91) Benzo(g,h,i)perylene	27.01	276	3441971	43.45	ng	#	86

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

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