Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020718\
Data File : BM014160.D
Acq On : 07 Feb 2018 13:56
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
2/8/2018 3:50:22 PM

Quant Time: Feb 07 14:29:00 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 13:28:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	96675	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	460733	20.00	ng		0.00
38) Acenaphthene-d10	14.20	164	322751	20.00	ng		0.00
63) Phenanthrene-d10	16.96	188	786873	20.00	ng		0.00
75) Chrysene-d12	21.17	240	781479	20.00	ng		0.00
86) Perylene-d12	23.34	264	572865	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	963578	167.78	ng		0.00
7) Phenol-d6	6.75	99	1391483	174.73	ng		0.00
23) Nitrobenzene-d5	8.71	82	1756802	251.27	ng		0.00
41) 2,4,6-Tribromophenol	15.71	330	812799	217.67	ng		0.00
44) 2-Fluorobiphenyl	12.82	172	4473827	199.81	ng		0.00
78) Terphenyl-d14	19.61	244	7265918	230.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	170849	71.37	ng	#	100
3) Pyridine	3.53	79	523140	71.37	ng	#	91
4) n-Nitrosodimethylamine	3.45	42	316457	84.55	ng	#	47
6) Aniline	6.89	93	873199	80.73	ng		93
8) 2-Chlorophenol	7.12	128	553874	81.80	ng		96
9) Benzaldehyde	6.71	77	401944	86.83	ng		89
10) Phenol	6.77	94	694778	79.36	ng		91
11) bis(2-Chloroethyl)ether	6.99	93	510526	72.96	ng		95
12) 1,3-Dichlorobenzene	7.43	146	664064	86.13	ng	#	90
13) 1,4-Dichlorobenzene	7.58	146	673591	85.91	ng	#	94
14) 1,2-Dichlorobenzene	7.89	146	670818	88.39	ng	#	91
15) Benzyl Alcohol	7.80	79	640559	111.25	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.08	45	517531	44.23	ng		86
17) 2-Methylphenol	8.00	107	521767	93.07	ng	#	85
18) Hexachloroethane	8.60	117	271766	101.25	ng		90
19) n-Nitroso-di-n-propylamine	8.36	70	576314	98.56	ng		93
20) 3+4-Methylphenols	8.33	107	734083	94.38	ng		87
22) Acetophenone	8.37	105	1109794	96.94	ng	#	92
24) Nitrobenzene	8.75	77	868149	112.69	ng		96
25) Isophorone	9.27	82	1432969	91.47	ng	#	91
26) 2-Nitrophenol	9.45	139	346561	112.80	ng	#	56
27) 2,4-Dimethylphenol	9.52	122	531690	72.79	ng		86
28) bis(2-Chloroethoxy)methane	9.76	93	762630	71.34	ng	#	94
29) 2,4-Dichlorophenol	9.98	162	610588	89.34	ng		97
30) 1,2,4-Trichlorobenzene	10.19	180	750537	99.21	ng		99
31) Naphthalene	10.37	128	2130969	85.67	ng		99
32) Benzoic acid	9.76	122	447830	99.11	ng	#	75
33) 4-Chloroaniline	10.50	127	905853	83.24	ng	#	86
34) Hexachlorobutadiene	10.65	225	493528	114.49	ng		97
35) Caprolactam	11.34	113	206898m	84.06	ng		
36) 4-Chloro-3-methylphenol	11.64	107	751036	93.57	ng		86
37) 2-Methylnaphthalene	11.99	142	1635542	94.46	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.37	216	946160	97.42	ng	#	100
40) Hexachlorocyclopentadiene	12.33	237	534621	120.07	ng		99

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42) 2,4,6-Trichlorophenol	12.62	196	582132	90.54	ng		99
43) 2,4,5-Trichlorophenol	12.70	196	660034	101.08	ng	#	85
45) 1,1'-Biphenyl	13.03	154	2418617	84.41	ng		97
46) 2-Chloronaphthalene	13.07	162	1813877	85.22	ng	#	94
47) 2-Nitroaniline	13.30	65	661387	105.86	ng	#	77
48) Acenaphthylene	13.93	152	3014992	90.91	ng		99
49) Dimethylphthalate	13.69	163	2436635	95.01	ng	#	98
50) 2,6-Dinitrotoluene	13.81	165	515376	106.13	ng	#	72
51) Acenaphthene	14.27	154	1832357	85.09	ng		98
52) 3-Nitroaniline	14.15	138	542371	85.99	ng	#	77
53) 2,4-Dinitrophenol	14.36	184	274555	175.31	ng		90
54) Dibenzofuran	14.61	168	2895388	97.50	ng	#	90
55) 4-Nitrophenol	14.47	139	384849	78.40	ng	#	75
56) 2,4-Dinitrotoluene	14.61	165	796508	125.26	ng	#	89
57) Fluorene	15.26	166	2590161	100.05	ng		100
58) 2,3,4,6-Tetrachlorophenol	14.85	232	608872	115.24	ng	#	100
59) Diethylphthalate	15.06	149	2728035	103.24	ng		97
60) 4-Chlorophenyl-phenylether	15.26	204	1321149	109.41	ng		96
61) 4-Nitroaniline	15.32	138	538246	82.09	ng	#	26
62) Azobenzene	15.56	77	2693725	113.12	ng		86
64) 4,6-Dinitro-2-methylphenol	15.37	198	456463	160.39	ng		92
65) n-Nitrosodiphenylamine	15.49	169	2183904	88.08	ng		97
66) 4-Bromophenyl-phenylether	16.16	248	790884	95.55	ng	#	86
67) Hexachlorobenzene	16.27	284	860011	88.54	ng	#	84
68) Atrazine	16.45	200	800375	110.14	ng		99
69) Pentachlorophenol	16.62	266	564510	105.87	ng		97
70) Phenanthrene	17.00	178	4060954	92.67	ng		99
71) Anthracene	17.10	178	4008130	90.96	ng		99
72) Carbazole	17.38	167	3714837	87.48	ng		99
73) Di-n-butylphthalate	17.94	149	4987410	101.09	ng	#	98
74) Fluoranthene	19.03	202	4769994	95.40	ng		100
76) Benzidine	19.23	184	2054347	133.19	ng		100
77) Pyrene	19.40	202	4846685	101.21	ng		99
79) Butylbenzylphthalate	20.31	149	2168588	102.51	ng	#	83
80) Benzo(a)anthracene	21.16	228	4275654	97.82	ng		98
81) 3,3'-Dichlorobenzidine	21.10	252	1624496	97.90	ng		99
82) Chrysene	21.21	228	4078839	99.01	ng		99
83) Bis(2-ethylhexyl)phthalate	21.09	149	3293816	106.20	ng		98
84) Di-n-octyl phthalate	21.96	149	4314276	82.52	ng		97
85) Indeno(1,2,3-cd)pyrene	25.53	276	2813263	73.21	ng		98
87) Benzo(b)fluoranthene	22.70	252	3454323	98.22	ng	#	94
88) Benzo(k)fluoranthene	22.74	252	3359468	99.63	ng	#	96
89) Benzo(a)pyrene	23.26	252	2985234	94.11	ng		99
90) Dibenzo(a,h)anthracene	25.53	278	2410184	88.78	ng	#	94
91) Benzo(g,h,i)perylene	26.19	276	2206950	84.12	ng	#	88

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

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