Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
Data File : BM010078.D
Acq On : 19 May 2017 20:39
Operator : SJ/MA
Sample : I3202-15MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-1COMPMS

Manual Integrations APPROVED
mohammad
5/22/2017 2:40:48 PM

Quant Time: May 20 04:33:15 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 19 14:14:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	188602	20.00	ng		0.00
21) Naphthalene-d8	10.78	136	642491	20.00	ng		0.00
38) Acenaphthene-d10	14.60	164	386786	20.00	ng		0.00
63) Phenanthrene-d10	17.35	188	887907	20.00	ng		0.00
75) Chrysene-d12	21.51	240	1362713	20.00	ng		0.00
86) Perylene-d12	23.88	264	698146	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1437855	137.67	ng		0.00
7) Phenol-d6	7.17	99	1665962	123.97	ng		0.00
23) Nitrobenzene-d5	9.16	82	1156008	97.07	ng		0.00
41) 2,4,6-Tribromophenol	16.10	330	863154	146.93	ng		0.00
44) 2-Fluorobiphenyl	13.23	172	2901191	96.43	ng		0.00
78) Terphenyl-d14	19.95	244	4957949	82.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	206404	43.01	ng	#	100
3) Pyridine	3.88	79	484508	37.72	ng		88
4) n-Nitrosodimethylamine	3.78	42	224540	48.33	ng		85
6) Aniline	7.33	93	260123	15.62	ng		96
8) 2-Chlorophenol	7.55	128	509214	44.81	ng		95
9) Benzaldehyde	7.14	77	167242	19.99	ng		88
10) Phenol	7.19	94	601104	42.44	ng		85
11) bis(2-Chloroethyl)ether	7.41	93	460411	43.61	ng		99
12) 1,3-Dichlorobenzene	7.86	146	612902	42.45	ng	#	94
13) 1,4-Dichlorobenzene	8.01	146	624355	42.09	ng		96
14) 1,2-Dichlorobenzene	8.33	146	602562	42.32	ng		96
15) Benzyl Alcohol	8.24	79	400693	39.41	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.50	45	407778	39.29	ng		83
17) 2-Methylphenol	8.43	107	418677	41.55	ng	#	89
18) Hexachloroethane	9.05	117	211027	43.89	ng	#	76
19) n-Nitroso-di-n-propylamine	8.79	70	403840	42.57	ng	#	89
20) 3+4-Methylphenols	8.77	107	555536	40.82	ng		90
22) Acetophenone	8.82	105	759442	46.11	ng	#	97
24) Nitrobenzene	9.20	77	613428	50.00	ng		97
25) Isophorone	9.72	82	999102	48.55	ng	#	93
26) 2-Nitrophenol	9.91	139	248610	48.08	ng	#	75
27) 2,4-Dimethylphenol	9.96	122	438985	47.01	ng	#	83
28) bis(2-Chloroethoxy)methane	10.20	93	551750	42.25	ng		98
29) 2,4-Dichlorophenol	10.44	162	516074	48.00	ng		98
30) 1,2,4-Trichlorobenzene	10.63	180	629395	45.25	ng		97
31) Naphthalene	10.83	128	1551531	45.14	ng		99
32) Benzoic acid	10.10	122	250972	39.44	ng		89
33) 4-Chloroaniline	10.97	127	67548	5.10	ng	#	81
34) Hexachlorobutadiene	11.08	225	421427	45.42	ng		98
35) Caprolactam	11.79	113	120873m	39.18	ng		
36) 4-Chloro-3-methylphenol	12.09	107	513783	44.13	ng		85
37) 2-Methylnaphthalene	12.43	142	1151692	46.54	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	12.78	216	700897	47.12	ng	#	100
40) Hexachlorocyclopentadiene	12.75	237	1014211	118.10	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	438316	50.03	ng		96
43) 2,4,5-Trichlorophenol	13.12	196	472725	48.83	ng	#	93
45) 1,1'-Biphenyl	13.44	154	1499737	47.15	ng		99
46) 2-Chloronaphthalene	13.49	162	1184115	45.98	ng		97
47) 2-Nitroaniline	13.72	65	294381	44.45	ng		84
48) Acenaphthylene	14.33	152	1793265	47.09	ng		100
49) Dimethylphthalate	14.07	163	1519419	44.04	ng	#	99
50) 2,6-Dinitrotoluene	14.20	165	314990	48.08	ng		96
51) Acenaphthene	14.67	154	1110111	46.89	ng		100
52) 3-Nitroaniline	14.55	138	134479	22.09	ng	#	68
53) 2,4-Dinitrophenol	14.74	184	394035	89.69	ng	#	81
54) Dibenzofuran	15.00	168	1858849	49.94	ng		96
55) 4-Nitrophenol	14.86	139	445170	90.85	ng	#	54
56) 2,4-Dinitrotoluene	14.98	165	444088	47.91	ng	#	77
57) Fluorene	15.65	166	1512749	46.73	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.23	232	442424	53.66	ng	#	100
59) Diethylphthalate	15.42	149	1425222	43.69	ng		98
60) 4-Chlorophenyl-phenylether	15.64	204	831119	45.73	ng		98
61) 4-Nitroaniline	15.72	138	194674	31.49	ng	#	46
62) Azobenzene	15.93	77	1298097	54.12	ng		91
64) 4,6-Dinitro-2-methylphenol	15.73	198	258808	47.71	ng		76
65) n-Nitrosodiphenylamine	15.86	169	871706	32.76	ng		99
66) 4-Bromophenyl-phenylether	16.53	248	543813	47.84	ng		94
67) Hexachlorobenzene	16.63	284	637088	46.13	ng		96
68) Atrazine	16.80	200	57569	5.71	ng		97
69) Pentachlorophenol	16.99	266	764748	100.82	ng		99
70) Phenanthrene	17.39	178	2403514	48.38	ng		99
71) Anthracene	17.48	178	2446247	49.62	ng		99
72) Carbazole	17.77	167	909253	20.83	ng		97
73) Di-n-butylphthalate	18.29	149	2376972	45.93	ng		98
74) Fluoranthene	19.40	202	3104619	48.13	ng		98
77) Pyrene	19.76	202	3146020	43.06	ng		100
79) Butylbenzylphthalate	20.63	149	1176136	43.49	ng	#	89
80) Benzo(a)anthracene	21.49	228	3644088	48.52	ng		99
81) 3,3'-Dichlorobenzidine	21.43	252	130864	4.33	ng	#	94
82) Chrysene	21.54	228	3299889	46.33	ng		100
83) Bis(2-ethylhexyl)phthalate	21.38	149	1799083	44.48	ng	#	96
84) Di-n-octyl phthalate	22.29	149	3380222	46.68	ng		96
85) Indeno(1,2,3-cd)pyrene	26.31	276	5337427	51.10	ng	#	100
87) Benzo(b)fluoranthene	23.16	252	4617750	113.02	ng	#	93
88) Benzo(k)fluoranthene	23.20	252	4239892	105.92	ng	#	95
89) Benzo(a)pyrene	23.77	252	3939415	101.18	ng	#	98
90) Dibenzo(a,h)anthracene	26.33	278	5012144	115.12	ng	#	93
91) Benzo(g,h,i)perylene	27.07	276	4296569	100.71	ng	#	88

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

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