Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
Data File : BM010126.D
Acq On : 23 May 2017 05:23
Operator : SJ/MA
Sample : I3222-13MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EX-21MS

Manual Integrations APPROVED
mohammad
5/23/2017 1:23:32 PM

Quant Time: May 23 08:18:05 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:25:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	148202	20.00	ng		-0.01
21) Naphthalene-d8	10.77	136	501784	20.00	ng		-0.02
38) Acenaphthene-d10	14.59	164	330469	20.00	ng		-0.02
63) Phenanthrene-d10	17.34	188	810554	20.00	ng		-0.01
75) Chrysene-d12	21.50	240	1227007	20.00	ng		-0.01
86) Perylene-d12	23.86	264	1353734	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	905491	110.33	ng		-0.02
7) Phenol-d6	7.15	99	1108683	104.99	ng		-0.02
23) Nitrobenzene-d5	9.15	82	732646	78.77	ng		-0.02
41) 2,4,6-Tribromophenol	16.09	330	576150	114.79	ng		-0.01
44) 2-Fluorobiphenyl	13.22	172	1651685	64.25	ng		-0.02
78) Terphenyl-d14	19.94	244	3084144	57.15	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	121976	32.35	ng	#	100
3) Pyridine	3.85	79	305130	30.23	ng		92
4) n-Nitrosodimethylamine	3.77	42	144685	39.63	ng	#	84
6) Aniline	7.32	93	354343	27.08	ng		91
8) 2-Chlorophenol	7.53	128	300104	33.61	ng		95
9) Benzaldehyde	7.12	77	101652	15.46	ng		92
10) Phenol	7.18	94	411505	36.98	ng		88
11) bis(2-Chloroethyl)ether	7.39	93	266089	32.08	ng		99
12) 1,3-Dichlorobenzene	7.85	146	367292	32.37	ng	#	92
13) 1,4-Dichlorobenzene	8.00	146	379590	32.57	ng		97
14) 1,2-Dichlorobenzene	8.31	146	360359	32.21	ng		97
15) Benzyl Alcohol	8.22	79	276358	34.59	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.49	45	230532	28.26	ng		78
17) 2-Methylphenol	8.42	107	252841	31.93	ng	#	84
18) Hexachloroethane	9.03	117	124315	32.90	ng	#	76
19) n-Nitroso-di-n-propylamine	8.77	70	246520	33.07	ng		90
20) 3+4-Methylphenols	8.75	107	351355	32.85	ng		88
22) Acetophenone	8.80	105	465212	36.17	ng	#	98
24) Nitrobenzene	9.19	77	375052	39.14	ng		97
25) Isophorone	9.70	82	603886	37.58	ng	#	94
26) 2-Nitrophenol	9.89	139	147674	36.56	ng	#	66
27) 2,4-Dimethylphenol	9.95	122	256268	35.14	ng	#	86
28) bis(2-Chloroethoxy)methane	10.18	93	346551	33.98	ng		99
29) 2,4-Dichlorophenol	10.42	162	324818	38.69	ng		99
30) 1,2,4-Trichlorobenzene	10.62	180	393553	36.23	ng		98
31) Naphthalene	10.82	128	884785	32.96	ng		98
32) Benzoic acid	10.03	122	37232	7.49	ng	#	86
33) 4-Chloroaniline	10.96	127	150307	14.53	ng	#	80
34) Hexachlorobutadiene	11.07	225	267132	36.86	ng		98
35) Caprolactam	11.76	113	81518m	33.84	ng		
36) 4-Chloro-3-methylphenol	12.07	107	319118	35.09	ng		86
37) 2-Methylnaphthalene	12.42	142	684928	35.44	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	12.77	216	459613	36.17	ng	#	100
40) Hexachlorocyclopentadiene	12.73	237	632176	86.16	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.03	196	283480	37.87	ng		98
43) 2,4,5-Trichlorophenol	13.10	196	303993	36.75	ng	#	94
45) 1,1'-Biphenyl	13.43	154	950492	34.97	ng		98
46) 2-Chloronaphthalene	13.47	162	749138	34.05	ng		96
47) 2-Nitroaniline	13.71	65	200450	35.43	ng		86
48) Acenaphthylene	14.32	152	1148759	35.31	ng		100
49) Dimethylphthalate	14.06	163	1242883	42.16	ng	#	98
50) 2,6-Dinitrotoluene	14.19	165	201233	35.95	ng		92
51) Acenaphthene	14.66	154	706176	34.92	ng		97
52) 3-Nitroaniline	14.54	138	160455	30.84	ng	#	68
53) 2,4-Dinitrophenol	14.73	184	161423	46.30	ng	#	81
54) Dibenzofuran	14.99	168	1195396	37.59	ng		96
55) 4-Nitrophenol	14.85	139	280742	67.05	ng	#	31
56) 2,4-Dinitrotoluene	14.97	165	282884	35.72	ng	#	85
57) Fluorene	15.64	166	975912	35.29	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.22	232	292186	41.48	ng	#	100
59) Diethylphthalate	15.40	149	916933	32.90	ng		96
60) 4-Chlorophenyl-phenylether	15.63	204	547174	35.24	ng		97
61) 4-Nitroaniline	15.70	138	163801	31.02	ng	#	29
62) Azobenzene	15.92	77	888378	43.35	ng		90
64) 4,6-Dinitro-2-methylphenol	15.72	198	170434	34.42	ng		81
65) n-Nitrosodiphenylamine	15.85	169	846234	34.83	ng		99
66) 4-Bromophenyl-phenylether	16.52	248	363167	35.00	ng		93
67) Hexachlorobenzene	16.62	284	414570	32.89	ng		94
68) Atrazine	16.79	200	344416	37.39	ng		98
69) Pentachlorophenol	16.98	266	493779	71.31	ng		98
70) Phenanthrene	17.38	178	1601006	35.30	ng		99
71) Anthracene	17.47	178	1628358	36.18	ng		99
72) Carbazole	17.76	167	1424464	35.75	ng		98
73) Di-n-butylphthalate	18.27	149	1550298	32.81	ng	#	98
74) Fluoranthene	19.39	202	2078328	35.30	ng		98
76) Benzidine	19.59	184	1427846	63.09	ng		99
77) Pyrene	19.75	202	2136290	32.47	ng		100
79) Butylbenzylphthalate	20.62	149	756153	31.05	ng	#	85
80) Benzo(a)anthracene	21.48	228	2375207	35.12	ng		100
81) 3,3'-Dichlorobenzidine	21.42	252	828257	30.45	ng	#	97
82) Chrysene	21.53	228	2174553	33.90	ng		100
83) Bis(2-ethylhexyl)phthalate	21.36	149	1134924	31.16	ng	#	97
84) Di-n-octyl phthalate	22.27	149	2057668	31.56	ng		97
85) Indeno(1,2,3-cd)pyrene	26.29	276	3568685	37.94	ng	#	100
87) Benzo(b)fluoranthene	23.14	252	2862359	36.13	ng	#	92
88) Benzo(k)fluoranthene	23.19	252	2659869	34.27	ng	#	96
89) Benzo(a)pyrene	23.76	252	2713446	35.94	ng	#	96
90) Dibenzo(a,h)anthracene	26.29	278	2999767	35.53	ng	#	92
91) Benzo(g,h,i)perylene	27.04	276	2924154	35.35	ng	#	87

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

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