Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM009996.D
Acq On : 11 May 2017 22:06
Operator : SJ/MA
Sample : I3058-09MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LF017MW003-170508MS

Manual Integrations APPROVED
mohammad
5/12/2017 4:30:14 PM

Quant Time: May 12 07:22:08 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 19:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	60061	20.00	ng		-0.02
21) Naphthalene-d8	10.56	136	270717	20.00	ng		-0.02
38) Acenaphthene-d10	14.42	164	176141	20.00	ng		-0.02
63) Phenanthrene-d10	17.17	188	438691	20.00	ng		-0.02
75) Chrysene-d12	21.36	240	580618	20.00	ng		-0.02
86) Perylene-d12	23.66	264	454214	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	262060	68.28	ng		-0.02
7) Phenol-d6	6.95	99	250609	40.75	ng		-0.02
23) Nitrobenzene-d5	8.94	82	746608	100.79	ng		-0.02
41) 2,4,6-Tribromophenol	15.92	330	412443	171.09	ng		-0.02
44) 2-Fluorobiphenyl	13.03	172	1433058	108.80	ng		-0.02
78) Terphenyl-d14	19.80	244	2610719	94.77	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	20712	14.57	ng	#	100
3) Pyridine	3.68	79	79622	15.19	ng	#	91
4) n-Nitrosodimethylamine	3.60	42	47652	16.60	ng	#	65
6) Aniline	7.10	93	211474	26.49	ng		92
8) 2-Chlorophenol	7.33	128	161596	38.79	ng	#	78
9) Benzaldehyde	6.92	77	35534	7.72	ng	#	75
10) Phenol	6.97	94	85316	12.77	ng		92
11) bis(2-Chloroethyl)ether	7.20	93	232533	44.75	ng		86
12) 1,3-Dichlorobenzene	7.65	146	170912	36.74	ng	#	83
13) 1,4-Dichlorobenzene	7.80	146	179992	37.76	ng	#	92
14) 1,2-Dichlorobenzene	8.11	146	177187	38.34	ng	#	89
15) Benzyl Alcohol	8.02	79	156296	29.82	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.29	45	354475	42.99	ng		98
17) 2-Methylphenol	8.22	107	128980	29.57	ng	#	81
18) Hexachloroethane	8.82	117	79305	40.13	ng		92
19) n-Nitroso-di-n-propylamine	8.57	70	252902	45.33	ng	#	92
20) 3+4-Methylphenols	8.55	107	162503	27.36	ng		88
22) Acetophenone	8.60	105	379427	45.84	ng	#	90
24) Nitrobenzene	8.98	77	365640	46.38	ng	#	87
25) Isophorone	9.50	82	631347	49.52	ng	#	87
26) 2-Nitrophenol	9.69	139	109903	46.30	ng	#	47
27) 2,4-Dimethylphenol	9.74	122	186832	42.05	ng	#	81
28) bis(2-Chloroethoxy)methane	9.97	93	345440	44.98	ng		99
29) 2,4-Dichlorophenol	10.22	162	198999	46.03	ng		96
30) 1,2,4-Trichlorobenzene	10.42	180	213135	42.22	ng		95
31) Naphthalene	10.61	128	620008	41.60	ng		99
32) Benzoic acid	9.89	122	36852	12.40	ng	#	79
33) 4-Chloroaniline	10.73	127	244748	38.63	ng	#	77
34) Hexachlorobutadiene	10.87	225	135298	39.39	ng		94
35) Caprolactam	11.59	113	9743m	5.77	ng		
36) 4-Chloro-3-methylphenol	11.86	107	233052	40.34	ng	#	75
37) 2-Methylnaphthalene	12.22	142	506788	47.50	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	288689	45.03	ng	#	100
40) Hexachlorocyclopentadiene	12.56	237	150203	87.00	ng		94

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42) 2,4,6-Trichlorophenol	12.84	196	195655	49.57	ng		96
43) 2,4,5-Trichlorophenol	12.93	196	202444	47.22	ng	#	87
45) 1,1'-Biphenyl	13.24	154	698861	47.68	ng		96
46) 2-Chloronaphthalene	13.29	162	547823	47.56	ng		97
47) 2-Nitroaniline	13.52	65	255270	48.95	ng	#	66
48) Acenaphthylene	14.14	152	897240	49.46	ng		98
49) Dimethylphthalate	13.88	163	715863	46.11	ng	#	98
50) 2,6-Dinitrotoluene	14.02	165	160211	50.92	ng	#	57
51) Acenaphthene	14.48	154	549411	48.06	ng		95
52) 3-Nitroaniline	14.36	138	136787	40.93	ng	#	48
53) 2,4-Dinitrophenol	14.57	184	175726	92.30	ng		88
54) Dibenzofuran	14.82	168	925150	52.83	ng		94
55) 4-Nitrophenol	14.68	139	66178	29.58	ng	#	1
56) 2,4-Dinitrotoluene	14.82	165	239548	51.47	ng	#	75
57) Fluorene	15.47	166	777002	50.32	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.05	232	192838	52.06	ng	#	100
59) Diethylphthalate	15.24	149	773974	47.48	ng		99
60) 4-Chlorophenyl-phenylether	15.46	204	415491	49.28	ng		96
61) 4-Nitroaniline	15.53	138	159961	46.99	ng	#	18
62) Azobenzene	15.76	77	1111351	56.19	ng		84
64) 4,6-Dinitro-2-methylphenol	15.58	198	130138	45.58	ng		88
65) n-Nitrosodiphenylamine	15.69	169	669233	49.16	ng		98
66) 4-Bromophenyl-phenylether	16.36	248	261701	50.23	ng	#	89
67) Hexachlorobenzene	16.47	284	274352	47.44	ng	#	94
68) Atrazine	16.64	200	249610	50.18	ng		98
69) Pentachlorophenol	16.83	266	253906	89.05	ng		96
70) Phenanthrene	17.22	178	1257415	49.93	ng		99
71) Anthracene	17.31	178	1301300	50.66	ng		98
72) Carbazole	17.59	167	1179963	51.46	ng		98
73) Di-n-butylphthalate	18.13	149	1398284	47.97	ng	#	97
74) Fluoranthene	19.24	202	1613368	49.94	ng		99
76) Benzidine	19.43	184	435333	29.99	ng		98
77) Pyrene	19.60	202	1637292	47.38	ng		98
79) Butylbenzylphthalate	20.49	149	681883	47.39	ng	#	63
80) Benzo(a)anthracene	21.35	228	1712673	49.09	ng		99
81) 3,3'-Dichlorobenzidine	21.29	252	571192	44.44	ng	#	97
82) Chrysene	21.40	228	1532454	46.84	ng		97
83) Bis(2-ethylhexyl)phthalate	21.25	149	991554	46.15	ng		99
84) Di-n-octyl phthalate	22.14	149	1726458	46.84	ng	#	86
85) Indeno(1,2,3-cd)pyrene	26.00	276	1369531	49.66	ng	#	100
87) Benzo(b)fluoranthene	22.97	252	1554968	50.55	ng	#	94
88) Benzo(k)fluoranthene	23.01	252	1488423	50.93	ng	#	97
89) Benzo(a)pyrene	23.56	252	1394755	51.43	ng		99
90) Dibenzo(a,h)anthracene	26.00	278	1189427	49.70	ng	#	96
91) Benzo(g,h,i)perylene	26.71	276	1044310	47.35	ng	#	92

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

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