Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050517\
Data File : BM009929.D
Acq On : 06 May 2017 07:18
Operator : SJ/MA
Sample : PB98729BSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB98729BSD

Manual Integrations APPROVED
mohammad
5/8/2017 3:55:34 PM

Quant Time: May 08 03:08:19 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 05 14:52:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	89900	20.00	ng		0.00
21) Naphthalene-d8	10.57	136	391743	20.00	ng		0.00
38) Acenaphthene-d10	14.43	164	245213	20.00	ng		0.00
63) Phenanthrene-d10	17.19	188	574792	20.00	ng		-0.01
75) Chrysene-d12	21.38	240	671977	20.00	ng		0.00
86) Perylene-d12	23.68	264	549671	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	542443	96.06	ng		0.00
7) Phenol-d6	6.96	99	790519	91.33	ng		0.00
23) Nitrobenzene-d5	8.95	82	916476	84.66	ng		0.00
41) 2,4,6-Tribromophenol	15.93	330	274747	82.04	ng		0.00
44) 2-Fluorobiphenyl	13.04	172	1623873	86.28	ng		0.00
78) Terphenyl-d14	19.81	244	2686178	82.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	68283	31.49	ng	#	100
3) Pyridine	3.69	79	240135	32.20	ng	#	75
4) n-Nitrosodimethylamine	3.61	42	186132	38.26	ng	#	51
6) Aniline	7.12	93	240151	20.98	ng	#	88
8) 2-Chlorophenol	7.35	128	274265	43.63	ng	#	76
9) Benzaldehyde	6.93	77	50412	7.33	ng	#	79
10) Phenol	6.99	94	421528	44.48	ng		96
11) bis(2-Chloroethyl)ether	7.21	93	284453	37.71	ng	#	77
12) 1,3-Dichlorobenzene	7.66	146	265686	38.14	ng	#	86
13) 1,4-Dichlorobenzene	7.81	146	267065	37.19	ng	#	94
14) 1,2-Dichlorobenzene	8.13	146	262760	38.07	ng	#	88
15) Benzyl Alcohol	8.03	79	353843	44.14	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.31	45	524433	37.62	ng		95
17) 2-Methylphenol	8.23	107	266767	41.80	ng	#	79
18) Hexachloroethane	8.84	117	122670	38.55	ng		93
19) n-Nitroso-di-n-propylamine	8.59	70	312821	38.12	ng	#	85
20) 3+4-Methylphenols	8.56	107	367650	41.93	ng		85
22) Acetophenone	8.61	105	467638	38.16	ng	#	83
24) Nitrobenzene	8.99	77	452105	40.24	ng	#	87
25) Isophorone	9.51	82	760169	39.81	ng	#	87
26) 2-Nitrophenol	9.70	139	148248	40.79	ng	#	38
27) 2,4-Dimethylphenol	9.76	122	275245	42.09	ng	#	79
28) bis(2-Chloroethoxy)methane	9.99	93	428282	38.54	ng		96
29) 2,4-Dichlorophenol	10.24	162	275167	43.89	ng		92
30) 1,2,4-Trichlorobenzene	10.44	180	280836	38.33	ng		98
31) Naphthalene	10.62	128	806813	37.46	ng		100
32) Benzoic acid	9.95	122	172661	40.21	ng	#	70
33) 4-Chloroaniline	10.76	127	86551	9.53	ng	#	71
34) Hexachlorobutadiene	10.89	225	184975	36.28	ng		96
35) Caprolactam	11.57	113	96694m	40.44	ng		
36) 4-Chloro-3-methylphenol	11.89	107	343833	40.39	ng	#	82
37) 2-Methylnaphthalene	12.24	142	615130	40.43	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.61	216	340921	38.65	ng	#	100
40) Hexachlorocyclopentadiene	12.57	237	237041	81.47	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	234927	41.21	ng		97
43) 2,4,5-Trichlorophenol	12.95	196	236591	38.58	ng	#	86
45) 1,1'-Biphenyl	13.26	154	811872	38.89	ng		95
46) 2-Chloronaphthalene	13.30	162	644495	39.06	ng		94
47) 2-Nitroaniline	13.53	65	314090	39.41	ng	#	63
48) Acenaphthylene	14.16	152	1052902	40.65	ng		98
49) Dimethylphthalate	13.89	163	866116	37.08	ng		99
50) 2,6-Dinitrotoluene	14.03	165	188074	41.28	ng	#	50
51) Acenaphthene	14.50	154	631674	39.52	ng		96
52) 3-Nitroaniline	14.36	138	90986	18.46	ng	#	50
53) 2,4-Dinitrophenol	14.59	184	191759	73.46	ng	#	79
54) Dibenzofuran	14.83	168	1050040	42.96	ng	#	91
55) 4-Nitrophenol	14.70	139	230961	69.74	ng	#	1
56) 2,4-Dinitrotoluene	14.83	165	271523	41.01	ng	#	57
57) Fluorene	15.49	166	863243	40.02	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.07	232	201927	42.99	ng	#	100
59) Diethylphthalate	15.26	149	947178	37.96	ng		97
60) 4-Chlorophenyl-phenylether	15.47	204	458116	40.03	ng		98
61) 4-Nitroaniline	15.54	138	183746	37.22	ng	#	13
62) Azobenzene	15.77	77	1273045	45.79	ng		78
64) 4,6-Dinitro-2-methylphenol	15.60	198	139531	37.48	ng	#	81
65) n-Nitrosodiphenylamine	15.70	169	748505	41.09	ng		99
66) 4-Bromophenyl-phenylether	16.37	248	274706	40.86	ng	#	88
67) Hexachlorobenzene	16.49	284	294535	38.46	ng	#	85
68) Atrazine	16.66	200	281172	40.30	ng		98
69) Pentachlorophenol	16.84	266	207744	62.06	ng		99
70) Phenanthrene	17.23	178	1355063	40.72	ng		98
71) Anthracene	17.32	178	1390299	41.43	ng		99
72) Carbazole	17.60	167	1252196	41.17	ng		99
73) Di-n-butylphthalate	18.14	149	1661310	38.02	ng	#	96
74) Fluoranthene	19.25	202	1646030	39.19	ng		98
76) Benzidine	19.44	184	586359	28.93	ng		99
77) Pyrene	19.62	202	1685854	42.00	ng		99
79) Butylbenzylphthalate	20.50	149	764669	39.50	ng	#	69
80) Benzo(a)anthracene	21.36	228	1664849	41.13	ng		99
81) 3,3'-Dichlorobenzidine	21.30	252	373061	23.19	ng	#	95
82) Chrysene	21.41	228	1493746	39.26	ng		98
83) Bis(2-ethylhexyl)phthalate	21.26	149	1124647	37.78	ng		95
84) Di-n-octyl phthalate	22.16	149	1869908	36.17	ng	#	81
85) Indeno(1,2,3-cd)pyrene	26.03	276	1448581	33.76	ng	#	100
87) Benzo(b)fluoranthene	22.99	252	1540405	43.98	ng	#	94
88) Benzo(k)fluoranthene	23.03	252	1405216	41.26	ng		99
89) Benzo(a)pyrene	23.59	252	1381875	42.05	ng		98
90) Dibenzo(a,h)anthracene	26.04	278	1248448	37.86	ng	#	94
91) Benzo(g,h,i)perylene	26.75	276	1149044	37.15	ng	#	92

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

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